

## Appointment

**From:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]

**Sent:** 2/22/2019 6:43:54 PM

**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Tsirigotis, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d19c179f3ccb4fadb48e3ae85563f132-PTSIRIGO]; Koerber, Mike [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Harnett, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=437834c4b30541d2beb0386cc3d0e253-WHARNETT]; Wood, Anna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=39055f080135414ca3b8c18d4f578755-AWood02]; Santiago, Juan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c98e3ffe9dd745768928b3f93c24fb36-JSANTIAG]; Rao, Raj [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0fffc4f775941ff9544a3c6eb320daa-RRAO02]; Vetter, Cheryl [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31cf6512cdd44f02bdfda975e406c194-Vetter, Cheryl]; Keller, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=013ed7456f32459fab26b17e6d4ff3a9-Keller, Pet]; Spangler, Matthew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e3768c791df43a39d5a53e1c7c66864-Sprangler,]; Schwab, Justin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eed0f609c0944cc2bbdb05df3a10aadb-Schwab, Jus]; Zenick, Elliott [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1b2eaa2a560d415fb7c8ce9bb56c7ce5-EZENICK]; Doster, Brian [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=322510375a3644b48f424adff4962da-BDOSTER]; Lee, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=29ae5f3d98a9435e88cf7d2f64a643a2-Lee, Michael]; HertzWu, Sara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7a0400db95ae4349a64b5e8babea2077-HertzWu, Sara]; Massey, Lana [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=Massey, Lana]; Johnson, Yvonne W [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7ccb32e11044489d9d95a43e823300ad-YJOHNSON]

**Subject:** Fugitive Emissions Rule Consideration

**Attachments:** FW: Draft agenda for 2/26 AA Visit

**Location:** WJC - N 5400 + Video with RTP **Conference Code / Ex. 6**

**Start:** 2/26/2019 8:45:00 PM

**End:** 2/26/2019 9:45:00 PM

**Show Time As:** Tentative

**TO:** Bill Wehrum, David Harlow, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Anna Wood, Juan Santiago, Raj Rao, Cheryl Vetter, Peter Keller, Matthew Spangler, Justin Schwab, Elliott Zenick, Brian Doster, Michael Lee, Sara HertzWu, Lana Massey, Yvonne Johnson



FW: Draft agenda  
for 2/26 AA Visit

Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 2/20/2019 3:34:21 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Koerber, Mike [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]

**Subject:** Ethylene Oxide Check in

**Location:** **Conference Code / Ex. 6**

**Start:** 2/20/2019 7:30:00 PM

**End:** 2/20/2019 8:00:00 PM

**Show Time As:** Tentative

## Appointment

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 2/22/2019 6:43:54 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Tsirigotis, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d19c179f3ccb4fadb48e3ae85563f132-PTSIRIGO]; Koerber, Mike [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Harnett, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=437834c4b30541d2beb0386cc3d0e253-WHARNETT]; Wood, Anna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=39055f080135414ca3b8c18d4f578755-AWood02]; Santiago, Juan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c98e3ffe9dd745768928b3f93c24fb36-JSANTIAG]; Rao, Raj [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0fffc4f775941ff9544a3c6eb320daa-RRAO02]; Vetter, Cheryl [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31cf6512cdd44f02bdfda975e406c194-Vetter, Cheryl]; Keller, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=013ed7456f32459fab26b17e6d4ff3a9-Keller, Pet]; Spangler, Matthew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e3768c791df43a39d5a53e1c7c66864-Sprangler,]; Schwab, Justin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eed0f609c0944cc2bbdb05df3a10aadb-Schwab, Jus]; Zenick, Elliott [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1b2eaa2a560d415fb7c8ce9bb56c7ce5-EZENICK]; Doster, Brian [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=322510375a3644b48f424adff4962da-BDOSTER]; Lee, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=29ae5f3d98a9435e88cf7d2f64a643a2-Lee, Michael]; HertzWu, Sara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7a0400db95ae4349a64b5e8babea2077-HertzWu, Sara]; Massey, Lana [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=Massey, Lana]; Johnson, Yvonne W [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7ccb32e11044489d9d95a43e823300ad-YJOHNSON]  
**Subject:** Fugitive Emissions Rule Consideration  
**Attachments:** FW: Draft agenda for 2/26 AA Visit  
**Location:** WJC - N 5400 + Video with RTP Conference Code / Ex. 6  
**Start:** 2/26/2019 9:00:00 PM  
**End:** 2/26/2019 10:00:00 PM  
**Show Time As:** Tentative

**TO:** Bill Wehrum, David Harlow, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Anna Wood, Juan Santiago, Raj Rao, Cheryl Vetter, Peter Keller, Matthew Spangler, Justin Schwab, Elliott Zenick, Brian Doster, Michael Lee, Sara HertzWu, Lana Massey, Yvonne Johnson





FW: Draft agenda  
for 2/26 AA Visit

## Appointment

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/6/2019 12:16:14 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Tsirigotis, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d19c179f3ccb4fadb48e3ae85563f132-PTSIRIGO]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Wayland, Richard [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d69f0a870909402ebd66847003aa6437-Wayland, Chet]; Sasser, Erika [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=477638fe84004800bdf8e62fe3cafc8-ESASSER]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]; Terry, Sara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5f08a9bf1324b05bc02a7dd2ea695e4-STERRY]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Smith, Darcie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3ae3c2377efb42879b943db8796ddc05-Smith, Darcie]; Mckelvey, Laura [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f3a2c5f041a442ea931ddb3d039236ff-LMCKELVE]; Shappley, Ned [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5fc7fde372054ab5ac38f24b9072b73d-Shappley, N]; Bremer, Kristen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7ad6f4a11064ef08cb03aec9dc8e892-KBREMER]  
**Subject:** FW: Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP + **Conference Code / Ex. 6**  
**Start:** 3/6/2019 3:00:00 PM  
**End:** 3/6/2019 3:30:00 PM  
**Show Time As:** Busy

-----Original Appointment-----

**From:** Rakosnik, Delaney **On Behalf Of** Wehrum, Bill  
**Sent:** Thursday, February 28, 2019 12:08 PM  
**To:** Wehrum, Bill; Tsirigotis, Peter; Davis, Alison; Weinstock, Lewis; Wayland, Richard; Sasser, Erika; Rimer, Kelly; Mike Koerber (Koerber.Mike@epa.gov); Josh Lewis (Lewis.Josh@epa.gov); Terry, Sara; Woods, Clint; Smith, Darcie; Mckelvey, Laura; Shappley, Ned; Bremer, Kristen  
**Subject:** Ethylene Oxide check in  
**When:** Wednesday, March 6, 2019 10:00 AM-10:30 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** WJC - N 5400 + Video with RTP + **Conference Code / Ex. 6**

**TO:** Bill Wehrum, Peter Tsirigotis, Alison Davis, Lew Weinstock, Richard Wayland, Erika Sasser, Kelly Rimer, Mike Koerber

Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 7/19/2018 7:21:42 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [woods.clint@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Anderson, Lea [anderson.lea@epa.gov]; Rodman, Sonja [Rodman.Sonja@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]  
**CC:** McLamb, Marguerite [McLamb.Marguerite@epa.gov]  
**Subject:** Pre-brief for Ethylene Oxide Emissions Follow-up  
**Attachments:** Wehrum Mtg Request: EtO prebrief for Bill W on 7/25  
**Location:** WJC - 5400 + Video with RTP + **Conference Code / Ex. 6**  
**Start:** 7/25/2018 3:30:00 PM  
**End:** 7/25/2018 4:15:00 PM  
**Show Time As:** Busy

**TO:** Bill Wehrum, Clint Woods, Mandy Gunasekara, Josh Lewis, Mike Koerber, Erika Sasser, Richard Wayland, Robin Langdon, Darcie Smith, Rhea Jones, Kristen Bremer, Alison Davis, David Cozzie, Lea Anderson, Sonja Rodman



Wehrum Mtg  
Request: EtO pr...

## Appointment

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 7/18/2018 6:49:11 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [woods.clint@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Land, Tom [Land.Tom@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Servidio, Cosmo [Servidio.Cosmo@epa.gov]; Fernandez, Cristina [Fernandez.Cristina@epa.gov]; Arnold, David [arnold.david@epa.gov]; Glenn, Trey [Glenn.Trey@epa.gov]; Banister, Beverly [Banister.Beverly@epa.gov]; Mitchell, Ken [Mitchell.Ken@epa.gov]; Stepp, Cathy [stepp.cathy@epa.gov]; Nam, Ed [nam.ed@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Payne, James [payne.james@epa.gov]; Thiede, Kurt [thiede.kurt@epa.gov]; Furey, Eileen [furey.eileen@epa.gov]; Idsal, Anne [idsal.anne@epa.gov]; Stenger, Wren [stenger.wren@epa.gov]; Gray, David [gray.david@epa.gov]; Verhalen, Frances [verhalen.frances@epa.gov]  
**CC:** Donaldson, Guy [Donaldson.Guy@epa.gov]; Price, Lisa [Price.Lisa@epa.gov]; Rodrigues, Cecil [rodrigues.cecil@epa.gov]; Bradley, Megan [Bradley.Megan@epa.gov]; Chow, Alice [chow.alice@epa.gov]  
**Subject:** Ethylene Oxide Emissions Follow-up  
**Attachments:** RE: Wehrum Mtg Request: Follow-up EtO w/RAs: Wednesday, 7/25 after 10 am  
**Location:** WJC - N 5400 + Video RTP + **Conference Code / Ex. 6**  
**Start:** 7/26/2018 5:00:00 PM  
**End:** 7/26/2018 5:45:00 PM  
**Show Time As:** Busy

**TO:** Bill Wehrum, Clint Woods, Mandy Gunasekara, Josh Lewis, Peter Tsirigotis, Mike Koerber, Erika Sasser, Richard Wayland, Robin Langdon, Darcie Smith, Rhea Jones, Kristen Bremer, Alison Davis, David Cozzie, Cosmo Servidio, Christina Fernandez, David Arnold, Trey Glenn, Beverly Banister, Ken Mitchell, Cathy Stepp, Ed Nam, James Payne, Kurt Thiede, Eileen Furey, Anne Idsal, Wren Stenger, David Gray, Frances Verhalen



RE: Wehrum Mtg  
 Request: Follow-...

## Appointment

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**Sent:** 7/13/2018 8:40:03 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [woods.clint@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Hemby, James [Hemby.James@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Cook, Leila [cook.leila@epa.gov]; Hengst, Benjamin [Hengst.Benjamin@epa.gov]; Moltzen, Michael [Moltzen.Michael@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Cook, Rich [Cook.Rich@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Krieger, Jackie [Krieger.Jackie@epa.gov]; Perez, Idalia [Perez.Idalia@epa.gov]; Birnbaum, Rona [Birnbaum.Rona@epa.gov]; Bacanskas, Lisa [Bacanskas.Lisa@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Kolb, Laura [Kolb.Laura@epa.gov]; Mazza, Carl [Mazza.Carl@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Small, Matthew [Small.Matthew@epa.gov]; Lakin, Matt [Lakin.Matthew@epa.gov]  
**CC:** South, Peter [South.Peter@epa.gov]  
**Subject:** FYI: Update on ORD Research Activities  
**Attachments:** Final-Research Brief for Bill Wehrum Rev 9.5.18.pptx; OAR Program Priorities Research Needs Final2Rev 1.17.18.docx; AE-outputs-to-support-OAQPS-priorities-081418 (003).docx; A-E FY19-22 StRAP final draft (002).docx  
**Location:** WJC - N 5400 + Video with AA + Video with RTP **Conference Code / Ex. 6**  
**Start:** 9/6/2018 5:00:00 PM  
**End:** 9/6/2018 6:00:00 PM  
**Show Time As:** Free

**TO:** Bill Wehrum, Mandy Gunasekara, David Harlow, Clint Woods, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Erika Sasser, Richard Wayland, Pat Dolwick, Jason Hemby, Betsy Shaw, John Shoaff



A-E FY19-22  
StRAP final draft ...



AE-outputs-to-su...  
(003).docx



OAR Program  
Priorities Resear...



Final-Research  
Brief for Bill Weh...

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 7/12/2018 6:48:01 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [woods.clint@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Servidio, Cosmo [Servidio.Cosmo@epa.gov]; Fernandez, Daniel [Fernandez.Daniel@epa.gov]; Arnold, David [arnold.david@epa.gov]; Glenn, Trey [Glenn.Trey@epa.gov]; Banister, Beverly [Banister.Beverly@epa.gov]; Mitchell, Ken [Mitchell.Ken@epa.gov]; Stepp, Cathy [stepp.cathy@epa.gov]; Nam, Ed [nam.ed@epa.gov]; Payne, James [payne.james@epa.gov]; Thiede, Kurt [thiede.kurt@epa.gov]; Furey, Eileen [furey.eileen@epa.gov]; Idsal, Anne [idsal.anne@epa.gov]; Stenger, Wren [stenger.wren@epa.gov]; Gray, David [gray.david@epa.gov]; Verhalen, Frances [verhalen.frances@epa.gov]; Jenkins, Brandi [Jenkins.Brandi@epa.gov]  
**CC:** Libertz, Catherine [Libertz.Catherine@epa.gov]; Rodrigues, Cecil [rodrigues.cecil@epa.gov]; Price, Lisa [Price.Lisa@epa.gov]; Donaldson, Guy [Donaldson.Guy@epa.gov]; Seager, Cheryl [Seager.Cheryl@epa.gov]; Thompson, Steve [thompson.steve@epa.gov]; Larson, Darrin [Larson.Darrin@epa.gov]

**Subject:** Ethylene Oxide Emissions and Identified Potential Health Risks

**Attachments:** Wehrum Meeting Request: EtO w/ RAs on Tuesday, 7/17 at 10 am ET; location: EPA-RTP

**Location:** WJC - N 5400 + Video with RTP **Conference Code / Ex. 6**

**Start:** 7/17/2018 2:00:00 PM

**End:** 7/17/2018 2:45:00 PM

**Show Time As:** Busy

**TO:** David Harlow, Clint Woods, Mandy Gunasekara, Josh Lewis, Peter Tsirigotis, Mike Koerber, Erika Sasser, Richard Wayland, Robin Langdon, Darcie Smith, David Shelow, Ted Palma, Raymond Truesdell, Kristin Riha, Rhea Jones, Kristin Bremer, Alison Davis, David Cozzie, Jennifer Caparoso, Cosmo Servidio, Christina Fernandez, David Arnold, Trey Glenn, Beverly Banister, Ken Mitchell, Cathy Stepp, Ed Nam, James Payne, Kurt Thiede, Eileen Furey, Anne Idsal, Wren Stenger, David Gray, Frances Verhalen

**PURPOSE:** To discuss potential health risks identified from ethylene oxide emissions for areas in Regions 3, 4, 5 and 6.



Wehrum Meeting  
Request: EtO w/ ...

Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/6/2019 12:16:14 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Weinstock, Lewis [Weinstock.Lewis@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Josh Lewis [Lewis.Josh@epa.gov] [Lewis.Josh@epa.gov]; Terry, Sara [Terry.Sara@epa.gov]; Woods, Clint [woods.clint@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]  
**CC:** Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]  
**Subject:** FW: Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP Conference Code / Ex. 6  
**Start:** 3/6/2019 3:00:00 PM  
**End:** 3/6/2019 3:30:00 PM  
**Show Time As:** Busy

-----Original Appointment-----

**From:** Rakosnik, Delaney **On Behalf Of** Wehrum, Bill  
**Sent:** Thursday, February 28, 2019 12:08 PM  
**To:** Wehrum, Bill; Tsirigotis, Peter; Davis, Alison; Weinstock, Lewis; Wayland, Richard; Sasser, Erika; Rimer, Kelly; Mike Koerber (Koerber.Mike@epa.gov); Josh Lewis (Lewis.Josh@epa.gov); Terry, Sara; Woods, Clint; Smith, Darcie; Mckelvey, Laura; Shappley, Ned; Bremer, Kristen  
**Subject:** Ethylene Oxide check in  
**When:** Wednesday, March 6, 2019 10:00 AM-10:30 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** WJC - N 5400 + Video with RTP Conference Code / Ex. 6  
**TO:** Bill Wehrum, Peter Tsirigotis, Alison Davis, Lew Weinstock, Richard Wayland, Erika Sasser, Kelly Rimer, Mike Koerber



Appointment

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**From:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Sent:** 12/13/2018 6:45:54 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [woods.clint@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Weinstock, Lewis [Weinstock.Lewis@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Chen, Xi [Chen.Xi@epa.gov]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**Subject:** Ethylene Oxide check-in  
**Location:** WJC - N 5400 + Video with RTP Conference Code / Ex. 6  
**Start:** 12/17/2018 5:30:00 PM  
**End:** 12/17/2018 6:15:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 12/12/2018 3:27:25 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [woods.clint@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Weinstock, Lewis [Weinstock.Lewis@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Chen, Xi [Chen.Xi@epa.gov]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**Subject:** Ethylene Oxide Check In  
**Location:** WJC - N 5400 + Video with RTP Conference Code / Ex. 6  
**Start:** 12/13/2018 4:15:00 PM  
**End:** 12/13/2018 5:00:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Sent:** 11/15/2018 4:27:43 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Lewis, Josh [Lewis.Josh@epa.gov]; Woods, Clint [woods.clint@epa.gov]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Dominguez, Alexander [dominguez.alexander@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]  
**Subject:** Ethylene Oxide - Planning Session - follow up  
**Attachments:** Wehrum Meeting Request\_EtO Planning Session\_11-13-18.docx  
**Location:** WJC - N 5400 + Video with RTP Conference Code / Ex. 6  
**Start:** 11/15/2018 9:00:00 PM  
**End:** 11/15/2018 9:30:00 PM  
**Show Time As:** Busy

**TO:** Bill Wehrum, Josh Lewis, Clint Woods, David Harlow, Mandy Gunasekara, Alex Dominguez, Peter Tsirigotis, Mike Koerber, Kelly Rimer, Alison Davis, Kristen Bremer



Wehrum Meeting  
Request\_EtO Pla...

Message

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 10/22/2018 9:35:14 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]  
**Subject:** Materials for Tuesday  
**Attachments:** ETC NESHAP RTR Options Selection 101918.docx; IRIS process briefing\_attachment.docx; IRIS process briefing\_Wehrum\_Oct 23 2018\_pl2.docx; MON Informational Briefing part 2.10.23.18.docx

Materials attached for:

10 am informational briefing for MON RTR

2 pm Options Selection for Engine Test Cells RTR

3 pm IRIS process and OAR Engagement

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 1/29/2019 6:59:56 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** FW: Draft Agenda Bill Visit to RTP Jan 30th 2019.docx  
**Attachments:** Draft Agenda Bill Visit to RTP Jan 30th 2019.docx

Agenda has changed 2-3 times since we spoke this morning. Latest version is attached. **Deliberative Process / Ex. 5**

### Deliberative Process / Ex. 5

next Thursday. Bill – seems like you and Peter should chat...either this afternoon, or you can use the time when you first arrive tomorrow (you'll likely have 15-30 minutes before the 10:45 meeting begins).

#### Notes from OAQPS:

- First meeting start time contingent upon arrival from airport. Since attendance is limited to Bill, David, Peter and Mike, meeting may start before 10:45 am
- ACE meeting has been cancelled.
- We no longer have a working lunch. Our Refining and Chemicals Group will informally meet with Bill in the cafeteria. They are working on MON, OLD, MCM, Ethylene, and PVC.
- David Harlow will have a separate NSR meeting with AQPD. We have added to the schedule just for tracking purposes.

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/2/2018 8:25:58 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]  
**CC:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Materials for first day of ADD meeting  
**Attachments:** Draft Agenda Fall 2018 ADD Mtg 9-28-18.pdf; 1 - Fall 2018 ADD Meeting Permitting\_ FINAL.pptx; 2 - Fall 2018 ADD NAAQS Implementation\_ FINAL.pptx; 3 - Fall 2018 ADD RH and Transport\_ FINAL.pptx

Agenda + Presentations for the 2:30-5 session on NSR and NAAQS attached.

I think everyone was ok w/ getting these electronically. I'll check in again at RT on Monday to see if anyone wants hard copies of these and/or presentations for days 2 and 3.

Josh

Message

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 1/30/2019 11:24:24 AM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** For the 2:30 planning discussion today with the OAQPS division directors  
**Attachments:** OAQPS Workload 2019 - v2.0.docx; ATT00001.htm

The attached is a work in progress. An updated version will be available at the 2:30 meeting.

I don't have a final agenda for the morning but I think it'll be:

Genl discussion with peter/mike when you arrive.

**Deliberative Process / Ex. 5**

Ethylene Oxide at 10:45

Clint: I'll get you a call in # later this am. And we may do video as well for one/more of the mtgs, if folks are in the office

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/14/2018 8:37:54 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** Aluminum Association Backgrounder SO2 NAAQS 09\_17\_18.docx; OPMO 2020 OMB Brief FINAL.PPTX; ATT75143; ATT67350; ATT51443; ATT40992; ATT78395; ATT28142; ATT30954; ATT27760; ATT87381; ATT22948; ATT26440; ATT25039; ATT89364; ATT15565; ATT20151; ATT00574; ATT10861; ATT77938; ATT76017; ATT68641; ATT99013; ATT85842

Bill – you have a hard copy of the OMB slides (with notes) in your take home folder.

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Wehrum, Bill Calendar

Wehrum.Bill@epa.gov

On Monday, September 17, 2018

September 2018

▲ Mon, Sep 17



9:30 AM – 10:00 AM Management Roundtable

10:30 AM – 11:00 AM Cab to the Dept. of Agriculture

11:00 AM – 12:15 PM Wildland Fire Leadership Council: Smoke Management and Air Quality to Support Landscape Resiliency (Confirmed)

12:20 PM – 12:45 PM Cab from Dept. of Agriculture to the EEOB

1:00 PM – 2:30 PM FY 2020 NPM Briefings at OMB (Confirmed)





OPMO 2020 OMB  
Brief FINAL.PPTX



2:35 PM – 3:00 PM Motorpool from EEOB to EPA Courtyard



**3:00 PM – 3:30 PM**



3:30 PM – 4:15 PM Meeting with Aluminum Association re: SO2 NAAQS (Confirmed)



Aluminum  
Association Back...



4:30 PM – 5:00 PM General Discussion with Elizabeth Adams



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/8/2019 9:07:59 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** RFS exporter def revisions\_02.11.19.pptx; OAR Social\_021119.docx; ATT23017; ATT40271; ATT87623; ATT69496; ATT18309; ATT14393; ATT99146; ATT68942; ATT00964; ATT31489; ATT89854; ATT50279; ATT97770; ATT73360; ATT73201; ATT15704; ATT08182; ATT54809; ATT53977

**Deliberative Process / Ex. 5**

And the internal

"Updated EtO-related Activities for Individual Facilities" has moved to later in the week.

Also for awareness, here's Social Media (CAAAC and E\*) and for the week



OAR

Social\_021119.d...

February 2019

# Deliberative Process / Ex. 5

## **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 7/16/2018 9:18:06 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**CC:** Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Fwd: Agenda/Meeting Materials in Prep for Tomorrow's Meetings  
**Attachments:** 1\_2017 Design Values Highlights and Table 7\_17\_18.docx; ATT00001.htm; 2\_a\_MSW Landfills 07\_17\_18.docx; ATT00002.htm; 2\_b\_i\_OAQPS-quick facts AD 07\_17\_18.pptx; ATT00003.htm; 2\_b\_ii\_OAQPS Org 07\_17\_18.pptx; ATT00004.htm; 3\_a\_i\_EtO discussion with Regions 3-6 07\_17\_18.docx; ATT00005.htm; 3\_a\_ii\_NATA Results Summary for Regions 3 4 5 6.pptx; ATT00006.htm; 3\_b\_Grain Elevators NSPS 07\_17\_18.docx; ATT00007.htm; 4\_a\_Marine Vessel Loading 07\_17\_18.docx; ATT00008.htm; 4\_b\_Biomass Update AD 07\_17\_18.docx; ATT00009.htm; 5\_i\_NOxSOxPM ISA Overview 07\_17\_18.pptx; ATT00010.htm; 5\_ii\_NOx SOx PM\_NAAQS\_review\_pager 07\_17\_18.docx; ATT00011.htm; 6\_c\_i\_Title V Petitions update DH 07\_17\_18.pptx; ATT00012.htm; 6\_c\_ii\_Upcoming Title V Pet Dates 07\_17\_18.docx; ATT00013.htm; 6\_b\_Res Wood Heater Update AD 07\_17\_18.pptx; ATT00014.htm; 7\_a\_EGU RTR Modeling Sum 07\_17\_18.docx; ATT00015.htm; 7\_b\_Press Rel Dev AD 07\_17\_18.docx; ATT00016.htm; 6\_a\_i\_SSM SIP Analysis 7\_17\_18.DOCX; ATT00017.htm; 6\_a\_ii\_Table 1\_Regional Characterization of PendingSIP Actions\_2018-07-13.pdf; ATT00018.htm; 6\_a\_iii\_Table 2\_Regional Char of Pending SIP Actions 07\_17\_18.pdf; ATT00019.htm; 6\_a\_iv\_Table 3\_Regional Characterization of Pending SIP Actions\_2018-07-13\_StateCount\_sort on Court.pdf; ATT00020.htm; 0\_Final Agenda BW visit RTP 07\_17.docx; ATT00021.htm

Clint - we'll be opening the line in 5400 for you and OGC to participate

Begin forwarded message:

**From:** "South, Peter" <[South.Peter@epa.gov](mailto:South.Peter@epa.gov)>  
**To:** "Harnett, Bill" <[Harnett.Bill@epa.gov](mailto:Harnett.Bill@epa.gov)>, "Koerber, Mike" <[Koerber.Mike@epa.gov](mailto:Koerber.Mike@epa.gov)>, "McKinney, Voronina" <[mckinney.voronina@epa.gov](mailto:mckinney.voronina@epa.gov)>, "OAQPS WOPS" <[OAQPS\\_WOPS@epa.gov](mailto:OAQPS_WOPS@epa.gov)>, "OAR Briefings" <[OAR\\_Briefings@epa.gov](mailto:OAR_Briefings@epa.gov)>  
**Cc:** "Tsirigotis, Peter" <[Tsirigotis.Peter@epa.gov](mailto:Tsirigotis.Peter@epa.gov)>, "Koerber, Mike" <[Koerber.Mike@epa.gov](mailto:Koerber.Mike@epa.gov)>, "McKinney, Voronina" <[mckinney.voronina@epa.gov](mailto:mckinney.voronina@epa.gov)>  
**Subject:** Agenda/Meeting Materials in Prep for Tomorrow's Meetings

I have attached the agenda and meeting materials in prep for tomorrow's meetings with Bill, Mandy, David and Alex. We will have binders for Bill W and the team when they arrive in the morning.

Feel free to call me or Mike Koerber with any questions relating to this information.

Thank you.

Pete South

OAR/OAQPS/IO  
U.S. EPA  
office: 919 541-5359  
cell: 919 599-7213

# **Deliberative Process / Ex. 5**

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 12/13/2018 4:58:31 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** EPA webinar: Update on Ethylene Oxide Monitoring in Willowbrook, Illinois  
**Location:** 5415  
  
**Start:** 12/18/2018 7:00:00 PM  
**End:** 12/18/2018 8:00:00 PM  
**Show Time As:** Busy

**EPA webinar: Update on Ethylene Oxide Monitoring in Willowbrook, Illinois**

The U.S. Environmental Protection Agency will hold a webinar Tuesday, December 18, 2018, to provide updates on ethylene oxide monitoring in Willowbrook, Ill. For more information on this webinar, please review the details below:

**Webinar**

**Date:** Tuesday, December 18, 2018

**Time:** 1:00pm -2:00pm (CST)

**Meeting Link:**

**Call in Number:**

**Conference ID:**

**Personal Phone / Ex. 6**

\*Note: A maximum of 500 people may attend the webinar at any one time. EPA plans to record the webinar and post it to the website.

**Agenda:**

- Opening remarks
- Review of ethylene oxide monitoring plan
- Recent monitoring results
- Monitoring next steps

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/11/2019 8:35:33 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** Feb 2019 OAR Technical Assistance Activities.docx; OAR - March 2019\_3-11-19.xlsx; OAR March 2019 Business Review Agenda.docx; ATT57224; ATT89255; ATT24199; ATT62423; ATT04320; ATT19639; ATT23980; ATT78549; ATT68596; ATT17931; ATT98767; ATT67352; ATT49579; ATT15383; ATT19020; ATT17331; ATT11591

March 2019

▲ Tue, Mar 12

# Deliberative Process / Ex. 5





## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/12/2018 10:05:52 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar + Materials for Thursday  
**Attachments:** AEM.121218.docx; doc01805020181211161623.pdf; 11183332- Village of Willowbrook EtO Air Monitoring Report.pdf; 2018-12-11 GHD EtO Air Monitoring Report Village of Burr Ridge.pdf; Agenda for NSR Check-in Meeting 12-13-18.docx; RP\_FE recon brief\_12-13-18.docx; ATT68132; ATT43549; ATT78671; ATT35102; ATT96647; ATT43366; ATT79953; ATT76383; ATT69560; ATT55746; ATT74034; ATT38052; ATT28262; ATT75550; ATT38935; ATT79452; ATT86705; ATT38418; ATT07710; ATT55364; ATT58855; ATT66902; ATT77929

You'll have hard copies of some info for the OAP awards ceremony + hard copies of the willowbrook reports

December 2018

▲ Thu, Dec 13

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

Josh Lewis  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 564 2095

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/13/2018 10:27:50 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar plus materials for RTP tomorrow  
**Attachments:** Informational briefing fenceline monitoring program 111418.docx; Integ Iron Steel OS brief 11\_14\_2018.docx; IIS-Background Information-11-14-2018.docx; IIS Appendices-ABCD 11-14-2018.docx; Coatings RTR First Pkg\_11-14-2018r1.docx; PVC Reconsideration 11\_14\_18r1.docx; HGB - 185 fee applicability.docx; ATT55142; ATT43344; ATT53868; ATT77543; ATT88503; ATT26734; ATT18120; ATT69442; ATT43142; ATT85506; ATT94604; ATT74366; ATT42783; ATT25416; ATT55094; ATT51829; ATT10543; ATT92918; ATT59973; ATT46164; ATT11135; ATT47144; ATT35561; ATT60136; ATT78305; ATT91508; ATT10096; ATT71392; ATT47699

Hard copies of briefing materials will be waiting in RTP. Bill – for AAPCA speech I put a hard copy of a 185 issue that TCEQ may raise (also included here:



HGB - 185 fee  
applicability.docx

November 2018

▲ Wed, Nov 14

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 10/17/2018 9:30:49 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]  
**CC:** Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** FW: Presentations and Updated Agenda for Tomorrow  
**Attachments:** Draft agenda Bill visit to RTP Oct 2018.r7.docx; ACE Schedule Briefing\_BW\_1082018.docx; Final Option Selection\_Wehrum\_Briefing\_MM2A 10\_18\_18.docx; Harlow Agenda 101818.docx; O3\_NAAQS\_Draft\_IRP\_BriefingForWehrum-Oct18-2018\_10152018.pptx; 2018-10\_Additional Information for SO2 Primary NAAQS\_Briefing for AA.PPTX

Hard copies will be waiting in RTP. We'll have a couple of copies here for those participating by video.

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/17/2018 9:54:03 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** OAR Dec 2018 Business Review Agenda.docx; OAR Dec 2019 Bowling Chart\_12-13-18.xlsx; Nov 2018 Technical Assistance Activities.docx; OAP Technical Assistance.pptx; LD GHG BiWeekly Update w AA Wehrum\_ Natural Gas Vehicle issues\_12-18-18.pptx; ATT07236; ATT77856; ATT94504; ATT53410; ATT00617; ATT33770; ATT70013; ATT98185; ATT18332; ATT11842; ATT75561; ATT94360; ATT98473; ATT70528; ATT01570; ATT83596; ATT12861; ATT68258; ATT77897; ATT67225; ATT90548

You'll get draft talking pts for the 2 pm webinar later tonight.

December 2018

▲ Tue, Dec 18

## Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/27/2018 9:50:06 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]  
**Subject:** FW: Illinois - meeting materials  
**Attachments:** Opening remarks.Mike Koerber. FINAL.12.docx; Overview-EPA meetings in Illinois on EtO 11-27 4pm.docx; FINAL-LakeCounty elected AGENDA 11-28.docx; FINAL-willowbrook elected AGENDA 11-29.docx; Willowbrook Community Forum Agenda draft 11.27.18 .docx

Materials I mentioned in my previous email...

1. Overview of EPA activities – a general “run of show” for Wednesday and Thursday
2. Agenda for community meeting (Thursday, 7 p.m. Central time)
3. Opening remarks for Mike Koerber – current draft (For Thursday night community meeting)
4. Agenda for Lake County elected officials meeting (Wednesday, 2 p.m. Central time)
5. Agenda for Willowbrook elected officials meeting (Thursday, 11 a.m. Central time)



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/27/2018 9:48:00 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]  
**Subject:** Calendar (no materials yet) for Wednesday  
**Attachments:** ATT03286; ATT64928; ATT75051; ATT30334; ATT77741; ATT65016; ATT29556; ATT10776; ATT68189; ATT33835; ATT67196; ATT33250; ATT14289; ATT06239; ATT38628; ATT66319; ATT40717; ATT82667; ATT20093; ATT89042; ATT59942; ATT78579; ATT20062; ATT79584

Note we may find a ½ hour tomorrow for you/Clint/others to talk to OAQPS ahead of Thursday's meetings in Chicago. (Immediately after this email I'll send the latest materials from OAQPS)

---

Wehrum, Bill Calendar

---

November 2018

▲ Wed, Nov 28

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/20/2019 9:32:28 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]  
**Subject:** Calendar plus materials for Thursday  
**Attachments:** ESA RFS Next Steps for Wehrum.pptx; ATT79402; ATT23943; ATT97995; ATT76856; ATT68049; ATT09436; ATT25718; ATT39360; ATT90341; ATT39410; ATT12420; ATT42815; ATT95825; ATT22011; ATT31757; ATT58882; ATT83121

## Deliberative Process / Ex. 5

I also understood from the EtO call earlier today that we may slot a webinar in the afternoon tomorrow, so we'll stay tuned on the timing for that.

📅 Thu, Feb 21

## Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

Message

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/20/2019 1:24:26 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]  
**Subject:** Fwd: Materials: Pre-Briefing for Option Selection for Miscellaneous Organic Chemical Manufacturing NESHAP (MON) Risk and Technology Review (RTR) (Tier 2, SAN 6494)  
**Attachments:** MON OS 2.20.19 PreBrief Final.docx; ATT00001.htm

Here are the MON materials for 9:45. I confirmed with OAQPS that they're good to go at 9:45. So I'll open the phone line.

Begin forwarded message:

**From:** "Ward, Hillary" <[Ward.Hillary@epa.gov](mailto:Ward.Hillary@epa.gov)>  
**Date:** February 19, 2019 at 7:31:59 PM EST  
**To:** OAR Briefings <[OAR\\_Briefings@epa.gov](mailto:OAR_Briefings@epa.gov)>  
**Cc:** "Koerber, Mike" <[Koerber.Mike@epa.gov](mailto:Koerber.Mike@epa.gov)>, "McKinney, Voronina" <[mckinney.voronina@epa.gov](mailto:mckinney.voronina@epa.gov)>  
**Subject:** Materials: Pre-Briefing for Option Selection for Miscellaneous Organic Chemical Manufacturing NESHAP (MON) Risk and Technology Review (RTR) (Tier 2, SAN 6494)

Please see the attached materials for the following meeting:

**2/20/19, 9:45-10:30, Pre-Briefing for Option Selection for Miscellaneous Organic Chemical Manufacturing NESHAP (MON) Risk and Technology Review (RTR) (Tier 2, SAN 6494)**

Thank you,

Hillary Ward  
USEPA, Office of Air Quality Planning and Standards  
(919)541-3154

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/3/2018 9:59:53 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** Anadarko12.04.18final.docx; Tier 4 relief 12 04 2018.pptx; ATT27654; ATT18651; ATT26192; ATT97230; ATT87160; ATT88320; ATT87504; ATT19708; ATT85703; ATT24913; ATT45150; ATT33994; ATT53901; ATT02236; ATT78206; ATT30856; ATT77505; ATT97213; ATT49708; ATT90914; ATT04977; ATT55942

Additional meeting materials to follow in the am...

December 2018

▲ Tue, Dec 4

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

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Message

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**on behalf of** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/7/2019 6:51:19 PM  
**To:** Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** FW: EPA webinar: Update of EPA's Ethylene Oxide Monitoring data for Willowbrook, Illinois  
**Attachments:** EPA webinar: Update of EPA's Ethylene Oxide Monitoring data for Willowbrook, Illinois



## Appointment

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/6/2019 3:31:08 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** EPA webinar: Update of EPA's Ethylene Oxide Monitoring data for Willowbrook, Illinois  
**Location:** WJC-N 5400  
**Start:** 3/7/2019 9:00:00 PM  
**End:** 3/7/2019 10:00:00 PM  
**Show Time As:** Busy

**Subject:** Webinar for EPA EtO data for Willowbrook for January 22 - February 11, 2019

### **EPA webinar: Update of EPA's Ethylene Oxide Monitoring data for Willowbrook, Illinois**

The U.S. Environmental Protection Agency will hold a webinar at 3 p.m. central time, Thursday, March 7, 2019 to review air quality monitoring data for Willowbrook, Illinois, covering January 22, 2019 to February 11, 2019. For more information on this webinar, please review the details below:

#### **Webinar:**

**Date:** Thursday, March 7, 2019

**Time:** 3:00 to 4:00 p.m. (CT)

**Meeting Link:**

**Phone line:**   
**Access code:**

\*Note: If you are at a computer, please listen through your computer speakers. We have a capacity of 500 people via computer. If you're not able to be at a computer, you'll be able to listen to the Webinar by phone. The phone line has a capacity of 125.

Materials will be posted on the website after the webinar at <https://www.epa.gov/il/sterigenics-willowbrook-facility>

*If you have never attended an Adobe Connect meeting before, test your connection by visiting [http://admin.adobeconnect.com/common/help/en/support/meeting\\_test.htm](http://admin.adobeconnect.com/common/help/en/support/meeting_test.htm). You may also get a quick overview by visiting <http://www.adobe.com/products/adobeconnect.html>.*

1. Click "Enter as a Guest"
2. Type in your first & last name and organization
3. Click "Enter Room"
4. You will be in the room!

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 10/11/2018 8:31:59 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**Subject:** Calendar + Materials for Friday  
**Attachments:** ELI meeting\_talking points for Bill Wehrum.docx; Agenda for ELI State IAQ Workshop FINAL.Oct 2018.doc; State Participants by Region attending 2018 ELI Workshop.Oct-2018.docx; MON\_Section 114 Survey10.12.18.docx; ATT11090; ATT58293; ATT41738; ATT45231; ATT48523; ATT04956; ATT37898; ATT65867; ATT24576; ATT76958; ATT41248; ATT09336; ATT41638; ATT09429; ATT86886; ATT93385; ATT62349; ATT26513; ATT84741; ATT63662; ATT76339; ATT89738; ATT16491

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Wehrum, Bill Calendar

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October 2018

▲ Fri, Oct 12

# Deliberative Process / Ex. 5

2,

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/7/2018 8:43:42 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** Remarks for 2018.docx; Overview of 2012 review of PM NAAQS (09-07-2018).pptx; NSR Update Meeting Agenda 09\_10\_18.docx; NSR Phase 2 Actions 09\_10\_18.docx; NSR Project Tracker 09\_10\_18.docx; MEBrpager9.10.18final.docx; ATT24555; ATT28269; ATT88366; ATT31018; ATT66443; ATT75518; ATT99892; ATT39240; ATT64329; ATT90636; ATT63762; ATT96857; ATT70896; ATT58696; ATT51974; ATT46966; ATT62352

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Wehrum, Bill Calendar  
Wehrum.Bill@epa.gov  
On Monday, September 10, 2018

September 2018

▲ Mon, Sep 10

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/7/2018 9:53:02 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** OAR Social Media\_121118.docx; NRAM 2019 Social Media\_12-4.docx; GHGRP CCS and 45Q 12-7-18 (002).pptx; ATT39780; ATT08661; ATT17885; ATT89416; ATT29811; ATT31368; ATT81962; ATT98065; ATT36162; ATT97073; ATT62270; ATT62719; ATT90612; ATT88835; ATT02099; ATT73772; ATT30313; ATT93400; ATT96894; ATT66999; ATT84220; ATT92524

Also for awareness: attached is social media for National Radon Action Month, as well as some general messaging.



NRAM 2019 Social  
Media\_12-4.docx



OAR Social  
Media\_121118.d...

December 2018

Mon, Dec 10

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/25/2019 9:44:41 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]  
**CC:** Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Agenda and Materials for Tuesday  
**Attachments:** ATT61699; ATT47451; ATT96418; ATT82506

Materials for 1:30 EtO meeting to follow later tonight or in the morning. Hard copies will be waiting in NC.

# Deliberative Process / Ex. 5



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/16/2018 9:46:44 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar plus materials for Monday  
**Attachments:** Hudson Technologies 11.19.2018.docx; AHRI Backgrounder\_2018-11-19-2018.docx; TPs for Wheeler 11-19 meeting with Coalition for Healthier Schools v2.docx; NSR Update\_Wheeler\_11-19-18.docx; ATT04151; ATT23888; ATT85097; ATT94948; ATT89555; ATT83083; ATT52871; ATT79508; ATT98163; ATT24139; ATT40652; ATT19100; ATT11487; ATT49755; ATT61629; ATT12486; ATT62120; ATT50803; ATT76213

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November 2018

Mon, Nov 19

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/5/2018 9:03:23 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]  
**CC:** Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**Subject:** Calendar + materials for Thursday  
**Attachments:** A-E FY19-22 StRAP final draft (002).docx; AE-outputs-to-support-OAQPS-priorities-081418 (003).docx; OAR Program Priorities Research Needs Final2Rev 1.17.18.docx; Final-Research Brief for Bill Wehrum Rev 9.5.18.pptx; ATT28013; ATT57635; ATT75433; ATT03575; ATT93141; ATT92525; ATT50913; ATT38405; ATT51039; ATT23256; ATT07429; ATT30940; ATT39924; ATT87161; ATT08254; ATT72861; ATT45596; ATT40487; ATT05661; ATT70154; ATT93993; ATT14500

Bill,

Couple of notes:

# Deliberative Process / Ex. 5

Wehrum, Bill Calendar  
Wehrum.Bill@epa.gov  
On Thursday, September 06, 2018

September 2018

▲ Thu, Sep 6

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/2/2018 8:37:42 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** TEAM Briefing for Wehrum 10122018.pptx; OAR Social Media\_110518.docx; web tools\_110618.docx; ATT09474; ATT84064; ATT76701; ATT77450; ATT89448; ATT12803; ATT85867; ATT14941; ATT38193; ATT81060; ATT59125; ATT57240; ATT95709; ATT48158; ATT27705; ATT75323; ATT77748; ATT63811; ATT39703; ATT40529

OTAQ

# Deliberative Process / Ex. 5

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Wehrum, Bill Calendar

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November 2018

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▲ Mon, Nov 5



# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/4/2019 10:07:17 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** HGB - 185 fee applicability.docx; AD Considerations 12\_21\_2018\_020419Final .docx; ATT78157; ATT76706; ATT80322; ATT39452; ATT56911; ATT85752; ATT71895; ATT53602; ATT32243; ATT88016; ATT00147; ATT81011; ATT87731; ATT17498; ATT28436; ATT12619; ATT03579; ATT44508; ATT78524; ATT29668; ATT03606; ATT74633; ATT14513; ATT09226

Note hold at 12:45 for EtO call. If it sticks, OCIR would come up for 15 min discussion and then call w/ Hill staff would start at 1 pm.

February 2019

▲ Tue, Feb 5

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/5/2019 9:46:34 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; DeLuca, Isabel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0b021c30cbee4637a7c7ca683e5e044a-IDELUCA]; Millett, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c067caa6c93544f78c26ab08cc567d27-Millett, John]  
**Subject:** Calendar + Materials for Wednesday  
**Attachments:** Willowbrook EtO working slides Jan 22 thru Feb 11.pptx; 022619 v1 Willowbrook EtO Master Data Table for Web.xlsx; March 2019 \_2.JPG; OAR Social Media\_030519.docx; ATT46194; ATT11918; ATT24288; ATT71562; ATT51485; ATT09750; ATT59550; ATT02397; ATT55873; ATT75383; ATT11676; ATT53003; ATT36927; ATT56315; ATT47413; ATT81660; ATT22188; ATT83951; ATT97390; ATT22188

Hard copies of Denka materials will be in a take home folder (along w/ a few other items).

# Deliberative Process / Ex. 5

ons

March 2019

ED\_002408\_00001181-00001

Wed, Mar 6

# Deliberative Process / Ex. 5

Message

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**From:** Lewis.Josh@epa.gov [Lewis.Josh@epa.gov]  
**Sent:** 1/30/2019 11:20:07 AM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**BCC:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** For the 2:30 discussion today re  
**Attachments:** OAQPS Workload 2019 - v2.0.docx; ATT00001.htm

Message

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**From:** Lewis.Josh@epa.gov [Lewis.Josh@epa.gov]  
**Sent:** 2/20/2019 1:24:24 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]  
**Subject:** Fwd: Materials: Pre-Briefing for Option Selection for Miscellaneous Organic Chemical Manufacturing NESHAP (MON) Risk and Technology Review (RTR) (Tier 2, SAN 6494)  
**Attachments:** MON OS 2.20.19 PreBrief Final.docx; ATT00001.htm

Here are the MON materials for 9:45. I confirmed with OAQPS that they're good to go at 9:45. So I'll open the phone line.

Begin forwarded message:

**From:** "Ward, Hillary" <Ward.Hillary@epa.gov>  
**Date:** February 19, 2019 at 7:31:59 PM EST  
**To:** OAR Briefings <OAR\_Briefings@epa.gov>  
**Cc:** "Koerber, Mike" <Koerber.Mike@epa.gov>, "McKinney, Voronina" <mckinney.voronina@epa.gov>  
**Subject:** Materials: Pre-Briefing for Option Selection for Miscellaneous Organic Chemical Manufacturing NESHAP (MON) Risk and Technology Review (RTR) (Tier 2, SAN 6494)

Please see the attached materials for the following meeting:

**2/20/19, 9:45-10:30, Pre-Briefing for Option Selection for Miscellaneous Organic Chemical Manufacturing NESHAP (MON) Risk and Technology Review (RTR) (Tier 2, SAN 6494)**

Thank you,

Hillary Ward  
USEPA, Office of Air Quality Planning and Standards  
(919)541-3154

Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/1/2019 5:49:26 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Weinstock, Lewis [Weinstock.Lewis@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Terry, Sara [Terry.Sara@epa.gov]; Woods, Clint [woods.clint@epa.gov]  
**Subject:** Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP **Personal Phone / Ex. 6**  
**Start:** 3/6/2019 9:00:00 PM  
**End:** 3/6/2019 9:45:00 PM  
**Show Time As:** Tentative

**TO:** Bill Wehrum, Peter Tsirigotis, Alison Davis, Lew Weinstock, Richard Wayland, Erika Sasser, Kelly Rimer, Mike Koerber

Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/1/2019 5:49:26 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Weinstock, Lewis [Weinstock.Lewis@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Terry, Sara [Terry.Sara@epa.gov]  
**Subject:** Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP + **Personal Phone / Ex. 6**  
**Start:** 3/6/2019 3:00:00 PM  
**End:** 3/6/2019 3:45:00 PM  
**Show Time As:** Busy

**TO:** Bill Wehrum, Peter Tsirigotis, Alison Davis, Lew Weinstock, Richard Wayland, Erika Sasser, Kelly Rimer, Mike Koerber

## Message

**From:** McKinney, Voronina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MCKINNEY, VORONINA]  
**Sent:** 10/17/2018 3:24:37 PM  
**To:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**CC:** Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Lessard, Patrick [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=936faef361044e1087b6ca18d92b4cca-Lessard, Pa]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** 10/18: Wehrum Agenda Schedule for RTP  
**Attachments:** Draft agenda Bill visit to RTP Oct 2018.r4.docx

**Importance:** High

Hello Delaney,

Please find attached the revised agenda for Bill's RTP visit. Thanks, Nina

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**From:** Lessard, Patrick  
**Sent:** Wednesday, October 17, 2018 10:33 AM  
**To:** McKinney, Voronina <mckinney.voronina@epa.gov>  
**Subject:** Reschedule request: Option Selection for Integrated Iron and Steel Manufacturing RTR Proposal  
**Importance:** High

Nina,

Peter requested a change to the draft schedule for Bill's visit, please see the attachment on this email for the latest draft. Please add an occurrence of the recurring ACE Update meeting to the 8:30-9:15 slot on 10/18.

As a result, please reschedule the following meeting to late next week:

**Deliberative Process / Ex. 5**

Thank you,

Patrick Lessard  
U.S. Environmental Protection Agency  
Office of Air Quality Planning and Standards  
(919) 541-5383

## Appointment

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 9/5/2018 8:56:18 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Harlow, David [harlow.david@epa.gov]; Woods, Clint [woods.clint@epa.gov]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Hemby, James [Hemby.James@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Cook, Leila [cook.leila@epa.gov]; Hengst, Benjamin [Hengst.Benjamin@epa.gov]; Moltzen, Michael [Moltzen.Michael@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Cook, Rich [Cook.Rich@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Krieger, Jackie [Krieger.Jackie@epa.gov]; Perez, Idalia [Perez.Idalia@epa.gov]; Birnbaum, Rona [Birnbaum.Rona@epa.gov]; Bacanskas, Lisa [Bacanskas.Lisa@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Kolb, Laura [Kolb.Laura@epa.gov]; Mazza, Carl [Mazza.Carl@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Small, Matthew [Small.Matthew@epa.gov]; Lakin, Matt [Lakin.Matthew@epa.gov]  
**CC:** South, Peter [South.Peter@epa.gov]  
**Subject:** Update on ORD Research Activities  
**Attachments:** Final-Research Brief for Bill Wehrum Rev 9.5.18.pptx; OAR Program Priorities Research Needs Final2Rev 1.17.18.docx; AE-outputs-to-support-OAQPS-priorities-081418 (003).docx; A-E FY19-22 StRAP final draft (002).docx  
**Location:** WJC - N 5400 + Video with AA + Video with RTP: **Personal Phone / Ex. 6**  
**Start:** 9/6/2018 5:00:00 PM  
**End:** 9/6/2018 6:00:00 PM  
**Show Time As:** Busy

**TO:** Bill Wehrum, Mandy Gunasekara, David Harlow, Clint Woods, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Erika Sasser, Richard Wayland, Pat Dolwick, Jason Hemby, Betsy Shaw, John Shoaff



A-E FY19-22  
StRAP final draft ...



AE-outputs-to-su...  
(003).docx



OAR Program  
Priorities Resear...



Final-Research  
Brief for Bill Weh...



Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 8/9/2018 6:19:44 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [woods.clint@epa.gov]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Caparoso, Jennifer [Caparoso.Jennifer@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Shrager, Brian [Shrager.Brian@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Smith, Darcie [Smith.Darcie@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Dewees, Jason [Dewees.Jason@epa.gov]; Anderson, Lea [anderson.lea@epa.gov]; Rodman, Sonja [Rodman.Sonja@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** Regulatory Approach for Ethylene Oxide Air Emissions  
**Attachments:** Wehrum Mtg Request: with Bill W on EtO Reg Path for 8/9/18 at 2:45 pm  
**Location:** WJC - N 5400 + Video with RTP + **Personal Phone / Ex. 6**  
**Start:** 8/9/2018 6:45:00 PM  
**End:** 8/9/2018 7:45:00 PM  
**Show Time As:** Tentative

**TO:** Bill Wehrum, Clint Woods, Josh Lewis, Peter Tsirigotis, Mike Koerber, Patrick Lessard, David Cozzie, Penny Lassiter, Jennifer Caparoso, Marguerite McLamb, Brian Shrager, Erika Sasser, Kelly Rimer, Darcie Smith, Richard Wayland, Steffan Johnson, Ned Shappley, Jason Dewees, Lea Anderson, Sonya Rodman



Wehrum Mtg  
Request: with Bill...

Message

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**From:** McKinney, Voronina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MCKINNEY, VORONINA]  
**Sent:** 8/2/2018 8:52:49 PM  
**To:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**CC:** Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; South, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=lead249df78840c9928874ec2ec4f9a6-PSouth]  
**Subject:** Wehrum Mtg Request: with Bill W on EtO Reg Path for 8/9/18 at 2:45 pm  
**Attachments:** OAR AA Bill Wehrum Meeting Request-Reg Appr for EtO 08\_02\_18.docx

Hello Delaney,

Wehrum Meeting Request: Please schedule meeting with Bill W on EtO Reg Path on Thursday, August 9th at 2:45 pm. This meeting is to replace the NAAQS Update meeting at 2:45 pm.

Thank you,

Nina

Voronina McKinney

Program Specialist

U.S. Environmental Protection Agency

OAR|office of Air Quality Planning and Standards|Immediate Office

(919) 541-5616

UNC-Chapel Hill University & Duke University Alumni| US Navy Veteran

<b>OAD Meeting Request Form</b> <b>For Bill Wehrum</b>
---

**Date of this Request:** 08/02/2018

**Scheduling Point of Contact:** Nina McKinney  
**Technical Point of Contact:** Peter Tsirigotis, 9

Personal Phone / Ex. 6

**Subject:** Regulatory Approach for Ethylene Oxide Air Emissions

**Purpose:** To discuss regulatory approach for ethylene oxide air emissions.

- Next ADP Milestone: N/A;
- If applicable, due date to: OP: N/A; OMB: N/A;
- Legal deadline: N/A;
- Other firm deadline: N/A.

**First possible date for meeting:** 08/09/2018

**Last possible date for meeting:** 08/09/2018

**Duration:** 45 minutes

**Requested Audio / Video** (*Mark with "X" if requested*)

☒ **Video Location(s):** RTP, DC

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

☒ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

☐ **Non-HQ Conference Line:**

*If you plan to use a non-HQ conference line, include it here*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

*Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:*

<u>Office/Org</u>	<u>Name (Last, First)</u>
OAR	Woods, Clint; Lewis, Josh;

OAQPS	Tsirigotis, Peter; Koerber, Mike; Lessard, Patrick; Cozzie, David; Lassiter, Penny; Caparoso, Jennifer; McLamb, Marguerite; Shrager, Brian; Sasser, Erika; Rimer, Kelly; Smith, Darcie; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Dewees, Jason;
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OGC	Anderson, Lea; Rodman, Sonya;
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**Schedulers to cc:** McKinney, Voronina; Joseph, Wanda; Hunt, Virginia; Eck, Janet

**HQ Meeting Briefing Materials:** Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 9/21/2018 3:15:21 PM  
**To:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Wright, Rhonda [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5d6d041a34ea466dac1f7985308e35ea-RWRIGH04]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**Subject:** Meeting re: Willowbrook  
**Attachments:** FW: DC Next Week  
**Location:** WJC - N 5400  
  
**Start:** 9/26/2018 4:00:00 PM  
**End:** 9/26/2018 4:30:00 PM  
**Show Time As:** Tentative

**TO:** Bill Wehrum, Clint Woods, Cathy Stepp, Kurt Thiede



FW: DC Next  
Week

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 9/21/2018 1:22:55 PM  
**To:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** FW: DC Next Week

Delaney -- Will you please work with Cathy's scheduler to see if we can find time for this? Thanks.

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

-----Original Message-----

From: Thiede, Kurt  
 Sent: Friday, September 21, 2018 7:03 AM  
 To: Woods, Clint <woods.clint@epa.gov>; Wehrum, Bill <Wehrum.Bill@epa.gov>  
 Subject: DC Next Week

Clint and Bill,

Cathy and I will be in DC next week Wednesday for a couple of mtgs. I thought it would be good to connect to discuss the Willowbrook mtg. I know you have other mtgs that day, but perhaps our schedulers can work to find a time.

Kurt Thiede  
 Chief of Staff  
 EPA Region 5

Sent from my iPhone...please excuse my typos.

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/11/2019 8:35:33 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** Feb 2019 OAR Technical Assistance Activities.docx; OAR - March 2019\_3-11-19.xlsx; OAR March 2019 Business Review Agenda.docx; ATT57224; ATT89255; ATT24199; ATT62423; ATT04320; ATT19639; ATT23980; ATT78549; ATT68596; ATT17931; ATT98767; ATT67352; ATT49579; ATT15383; ATT19020; ATT17331; ATT11591

March 2019

Tue, Mar 12

# Deliberative Process / Ex. 5

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/3/2018 9:59:53 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** Anadarko12.04.18final.docx; Tier 4 relief 12 04 2018.pptx; ATT27654; ATT18651; ATT26192; ATT97230; ATT87160; ATT88320; ATT87504; ATT19708; ATT85703; ATT24913; ATT45150; ATT33994; ATT53901; ATT02236; ATT78206; ATT30856; ATT77505; ATT97213; ATT49708; ATT90914; ATT04977; ATT55942

Additional meeting materials to follow in the am...

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December 2018

▲ Tue, Dec 4

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/7/2018 9:53:02 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Isabel DeLuca [DeLuca.Isabel@epa.gov]; John Millett [Millett.John@epa.gov]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** OAR Social Media\_121118.docx; NRAM 2019 Social Media\_12-4.docx; GHGRP CCS and 45Q 12-7-18 (002).pptx; ATT39780; ATT08661; ATT17885; ATT89416; ATT29811; ATT31368; ATT81962; ATT98065; ATT36162; ATT97073; ATT62270; ATT62719; ATT90612; ATT88835; ATT02099; ATT73772; ATT30313; ATT93400; ATT96894; ATT66999; ATT84220; ATT92524

Also for awareness: attached is social media for National Radon Action Month, as well as some general messaging.



NRAM 2019 Social  
Media\_12-4.docx



OAR Social  
Media\_121118.d...

December 2018

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/16/2018 9:46:44 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**BCC:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Calendar plus materials for Monday  
**Attachments:** Hudson Technologies 11.19.2018.docx; AHRI Backgrounder\_2018-11-19-2018.docx; TPs for Wheeler 11-19 meeting with Coalition for Healthier Schools v2.docx; NSR Update\_Wheeler\_11-19-18.docx; ATT04151; ATT23888; ATT85097; ATT94948; ATT89555; ATT83083; ATT52871; ATT79508; ATT98163; ATT24139; ATT40652; ATT19100; ATT11487; ATT49755; ATT61629; ATT12486; ATT62120; ATT50803; ATT76213

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November 2018

Mon, Nov 19

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

Message

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 1/30/2019 11:24:24 AM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**BCC:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** For the 2:30 planning discussion today with the OAQPS division directors  
**Attachments:** OAQPS Workload 2019 - v2.0.docx; ATT00001.htm

The attached is a work in progress. An updated version will be available at the 2:30 meeting.

I don't have a final agenda for the morning but I think it'll be:

Genl discussion with peter/mike when you arrive.

**Deliberative Process / Ex. 5**

Ethylene Oxide at 10:45

Clint: I'll get you a call in # later this am. And we may do video as well for one/more of the mtgs, if folks are in the office

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/8/2019 9:07:59 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**BCC:** Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** RFS exporter def revisions\_02.11.19.pptx; OAR Social\_021119.docx; ATT23017; ATT40271; ATT87623; ATT69496; ATT18309; ATT14393; ATT99146; ATT68942; ATT00964; ATT31489; ATT89854; ATT50279; ATT97770; ATT73360; ATT73201; ATT15704; ATT08182; ATT54809; ATT53977

**Deliberative Process / Ex. 5**

And the internal

"Updated EtO-related Activities for Individual Facilities" has moved to later in the week.

Also for awareness, here's Social Media (CAAAC and E\*) and for the week



OAR

Social\_021119.d...

February 2019

▲ Mon, Feb 11

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 1/29/2019 6:59:56 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** FW: Draft Agenda Bill Visit to RTP Jan 30th 2019.docx  
**Attachments:** Draft Agenda Bill Visit to RTP Jan 30th 2019.docx

Agenda has changed 2-3 times since we spoke this morning. Latest version is attached. One change I want to note is on

## Deliberative Process / Ex. 5

### Notes from OAQPS:

- First meeting start time contingent upon arrival from airport. Since attendance is limited to Bill, David, Peter and Mike, meeting may start before 10:45 am
- ACE meeting has been cancelled.
- We no longer have a working lunch. Our Refining and Chemicals Group will informally meet with Bill in the cafeteria. They are working on MON, OLD, MCM, Ethylene, and PVC.
- David Harlow will have a separate NSR meeting with AQPD. We have added to the schedule just for tracking purposes.



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/1/2018 9:03:28 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar (no materials) for Friday  
**Attachments:** ATT73959; ATT18810; ATT04438; ATT64859; ATT39806; ATT56013; ATT22890; ATT64421; ATT10822; ATT86615; ATT64060; ATT00119; ATT45113; ATT92828; ATT11737; ATT70670; ATT44056; ATT70952; ATT62361; ATT59960; ATT94564

May have materials for the 12:15 Deliberative Process / Ex. 5 send later tonight or tomorrow am.

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Wehrum, Bill Calendar

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November 2018

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▲ Fri, Nov 2

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/12/2018 10:05:52 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar + Materials for Thursday  
**Attachments:** AEM.121218.docx; doc01805020181211161623.pdf; 11183332- Village of Willowbrook EtO Air Monitoring Report.pdf; 2018-12-11 GHD EtO Air Monitoring Report Village of Burr Ridge.pdf; Agenda for NSR Check-in Meeting 12-13-18.docx; RP\_FE recon brief\_12-13-18.docx; ATT68132; ATT43549; ATT78671; ATT35102; ATT96647; ATT43366; ATT79953; ATT76383; ATT69560; ATT55746; ATT74034; ATT38052; ATT28262; ATT75550; ATT38935; ATT79452; ATT86705; ATT38418; ATT07710; ATT55364; ATT58855; ATT66902; ATT77929

You'll have hard copies of some info for the OAP awards ceremony + hard copies of the willowbrook reports

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December 2018

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☞ Thu, Dec 13

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

Josh Lewis  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 564 2095

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/27/2018 9:50:06 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Isabel DeLuca [DeLuca.Isabel@epa.gov]; John Millett [Millett.John@epa.gov]  
**Subject:** FW: Illinois - meeting materials  
**Attachments:** Opening remarks.Mike Koerber. FINAL.12.docx; Overview-EPA meetings in Illinois on EtO 11-27 4pm.docx; FINAL-LakeCounty elected AGENDA 11-28.docx; FINAL-willowbrook elected AGENDA 11-29.docx; Willowbrook Community Forum Agenda draft 11.27.18 .docx

Materials I mentioned in my previous email...

1. Overview of EPA activities – a general “run of show” for Wednesday and Thursday
2. Agenda for community meeting (Thursday, 7 p.m. Central time)
3. Opening remarks for Mike Koerber – current draft (For Thursday night community meeting)
4. Agenda for Lake County elected officials meeting (Wednesday, 2 p.m. Central time)
5. Agenda for Willowbrook elected officials meeting (Thursday, 11 a.m. Central time)

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/6/2019 10:12:23 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Isabel DeLuca [DeLuca.Isabel@epa.gov]; John Millett [Millett.John@epa.gov]  
**Subject:** Calendar (no materials yet) for Thursday  
**Attachments:** ATT86921; ATT73997; ATT92582; ATT22053; ATT52772; ATT51374; ATT39969; ATT76188; ATT25876; ATT28466; ATT68824; ATT63312; ATT69507; ATT50582; ATT57839; ATT05185; ATT19446; ATT56512; ATT20544; ATT87352; ATT84020; ATT95718; ATT45882

Full day tomorrow. At Roundtable we can confirm details for the EtO webinar and figure out if we need to

## Deliberative Process / Ex. 5

March 2019

Thu, Mar 7

# Deliberative Process / Ex. 5



## **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/27/2018 9:48:00 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**Subject:** Calendar (no materials yet) for Wednesday  
**Attachments:** ATT03286; ATT64928; ATT75051; ATT30334; ATT77741; ATT65016; ATT29556; ATT10776; ATT68189; ATT33835; ATT67196; ATT33250; ATT14289; ATT06239; ATT38628; ATT66319; ATT40717; ATT82667; ATT20093; ATT89042; ATT59942; ATT78579; ATT20062; ATT79584

Note we may find a ½ hour tomorrow for you/Clint/others to talk to OAQPS ahead of Thursday's meetings in Chicago. (Immediately after this email I'll send the latest materials from OAQPS)

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Wehrum, Bill Calendar

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November 2018

▲ Wed, Nov 28

**Deliberative Process / Ex. 5**



# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/13/2018 10:27:50 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar plus materials for RTP tomorrow  
**Attachments:** Informational briefing fenceline monitoring program 111418.docx; Integ Iron Steel OS brief 11\_14\_2018.docx; IIS-Background Information-11-14-2018.docx; IIS Appendices-ABCD 11-14-2018.docx; Coatings RTR First Pkg\_11-14-2018r1.docx; PVC Reconsideration 11\_14\_18r1.docx; HGB - 185 fee applicability.docx; ATT55142; ATT43344; ATT53868; ATT77543; ATT88503; ATT26734; ATT18120; ATT69442; ATT43142; ATT85506; ATT94604; ATT74366; ATT42783; ATT25416; ATT55094; ATT51829; ATT10543; ATT92918; ATT59973; ATT46164; ATT11135; ATT47144; ATT35561; ATT60136; ATT78305; ATT91508; ATT10096; ATT71392; ATT47699

Hard copies of briefing materials will be waiting in RTP. Bill – for AAPCA speech I put a hard copy of a 185 issue that TCEQ may raise (also included here:



HGB - 185 fee  
applicability.docx

November 2018

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/2/2018 8:37:42 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** TEAM Briefing for Wehrum 10122018.pptx; OAR Social Media\_110518.docx; web tools\_110618.docx; ATT09474; ATT84064; ATT76701; ATT77450; ATT89448; ATT12803; ATT85867; ATT14941; ATT38193; ATT81060; ATT59125; ATT57240; ATT95709; ATT48158; ATT27705; ATT75323; ATT77748; ATT63811; ATT39703; ATT40529

Also, for awareness: OAR's social media for the week (standard) and two new/updated web tools that OAP and OTAQ have developed for the voluntary programs.



web

tools\_110618.docx



OAR Social

Media\_110518.d...

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Wehrum, Bill Calendar

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November 2018

Mon, Nov 5

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 11/2/2018 8:25:58 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]  
**CC:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Materials for first day of ADD meeting  
**Attachments:** Draft Agenda Fall 2018 ADD Mtg 9-28-18.pdf; 1 - Fall 2018 ADD Meeting Permitting\_ FINAL.pptx; 2 - Fall 2018 ADD NAAQS Implementation\_ FINAL.pptx; 3 - Fall 2018 ADD RH and Transport\_ FINAL.pptx

Agenda + Presentations for the 2:30-5 session on NSR and NAAQS attached.

I think everyone was ok w/ getting these electronically. I'll check in again at RT on Monday to see if anyone wants hard copies of these and/or presentations for days 2 and 3.

Josh

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/4/2018 10:11:22 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155a6f6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar (no materials yet) for Thursday  
**Attachments:** ATT83322; ATT71231; ATT48277; ATT23416; ATT05234; ATT89946; ATT02667; ATT47047; ATT98316; ATT20951; ATT44356; ATT39287; ATT16706; ATT98759; ATT84248; ATT09963; ATT48609; ATT16174; ATT59918; ATT95684; ATT52016; ATT18146

Few things still up in the air for Thursday...we'll try to nail down first thing that morning. To highlight:

# Deliberative Process / Ex. 5

December 2018

▲ Thu, Dec 6

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/17/2018 9:54:03 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**Subject:** Calendar + Materials for Tuesday  
**Attachments:** OAR Dec 2018 Business Review Agenda.docx; OAR Dec 2019 Bowling Chart\_12-13-18.xlsx; Nov 2018 Technical Assistance Activities.docx; OAP Technical Assistance.pptx; LD GHG BiWeekly Update w AA Wehrum\_ Natural Gas Vehicle issues\_12-18-18.pptx; ATT07236; ATT77856; ATT94504; ATT53410; ATT00617; ATT33770; ATT70013; ATT98185; ATT18332; ATT11842; ATT75561; ATT94360; ATT98473; ATT70528; ATT01570; ATT83596; ATT12861; ATT68258; ATT77897; ATT67225; ATT90548

You'll get draft talking pts for the 2 pm webinar later tonight.

December 2018

▲ Tue, Dec 18

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/5/2019 9:46:34 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Isabel DeLuca [DeLuca.Isabel@epa.gov]; John Millett [Millett.John@epa.gov]  
**Subject:** Calendar + Materials for Wednesday  
**Attachments:** Willowbrook EtO working slides Jan 22 thru Feb 11.pptx; 022619 v1 Willowbrook EtO Master Data Table for Web.xlsx; March 2019\_2.JPG; OAR Social Media\_030519.docx; ATT46194; ATT11918; ATT24288; ATT71562; ATT51485; ATT09750; ATT59550; ATT02397; ATT55873; ATT75383; ATT11676; ATT53003; ATT36927; ATT56315; ATT47413; ATT81660; ATT22188; ATT83951; ATT97390; ATT22188

Hard copies of Denka materials will be in a take home folder (along w/ a few other items).

Also: Social media posts for awareness:



OAR Social  
Media\_030519.d...



March 2019\_2.JPG

Plus a couple of additional posts to go out with the Trends report tomorrow and later this week:

- 1) Check out our new report on vehicle pollution and miles per gallon trends! It shows our country's CO2 emissions are at a record low and fuel economy is at a record high.  
<https://www.epa.gov/automotive-trends/highlights-automotive-trends-report>
- 2) Our new report shows vehicles have achieved record high MPG. In model year 2017, real world fuel economy increased by 0.2 MPG to 24.9 MPG.  
<https://www.epa.gov/automotive-trends/highlights-automotive-trends-report>
- 3) Fun fact from this year's vehicle trends report: Since 2004, CO2 emissions have decreased by 104 grams per mile, or 23%, and fuel economy has increased by 5.6 MPG, or 29%.  
<https://www.epa.gov/automotive-trends/highlights-automotive-trends-report>

March 2019

▲ Wed, Mar 6

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/14/2018 8:37:54 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** Aluminum Association Backgrounder SO2 NAAQS 09\_17\_18.docx; OPMO 2020 OMB Brief FINAL.PPTX; ATT75143; ATT67350; ATT51443; ATT40992; ATT78395; ATT28142; ATT30954; ATT27760; ATT87381; ATT22948; ATT26440; ATT25039; ATT89364; ATT15565; ATT20151; ATT00574; ATT10861; ATT77938; ATT76017; ATT68641; ATT99013; ATT85842

Bill – you have a hard copy of the OMB slides (with notes) in your take home folder.

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Wehrum, Bill Calendar

Wehrum.Bill@epa.gov

On Monday, September 17, 2018

September 2018

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 10/11/2018 8:31:59 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**Subject:** Calendar + Materials for Friday  
**Attachments:** ELI meeting\_talking points for Bill Wehrum.docx; Agenda for ELI State IAQ Workshop FINAL.Oct 2018.doc; State Participants by Region attending 2018 ELI Workshop.Oct-2018.docx; MON\_Section 114 Survey10.12.18.docx; ATT11090; ATT58293; ATT41738; ATT45231; ATT48523; ATT04956; ATT37898; ATT65867; ATT24576; ATT76958; ATT41248; ATT09336; ATT41638; ATT09429; ATT86886; ATT93385; ATT62349; ATT26513; ATT84741; ATT63662; ATT76339; ATT89738; ATT16491

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Wehrum, Bill Calendar

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October 2018

▲ Fri, Oct 12

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/25/2019 9:44:41 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]  
**CC:** Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Agenda and Materials for Tuesday  
**Attachments:** ATT61699; ATT47451; ATT96418; ATT82506

Materials for 1:30 EtO meeting to follow later tonight or in the morning. Hard copies will be waiting in NC.

**February 26 Morning Sessions**

# Deliberative Process / Ex. 5

**February 26 Afternoon Sessions**

# Deliberative Process / Ex. 5

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/7/2018 8:43:42 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Subject:** Calendar + Materials for Monday  
**Attachments:** Remarks for 2018.docx; Overview of 2012 review of PM NAAQS (09-07-2018).pptx; NSR Update Meeting Agenda 09\_10\_18.docx; NSR Phase 2 Actions 09\_10\_18.docx; NSR Project Tracker 09\_10\_18.docx; MEBrpager9.10.18final.docx; ATT24555; ATT28269; ATT88366; ATT31018; ATT66443; ATT75518; ATT99892; ATT39240; ATT64329; ATT90636; ATT63762; ATT96857; ATT70896; ATT58696; ATT51974; ATT46966; ATT62352

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Wehrum, Bill Calendar  
Wehrum.Bill@epa.gov  
On Monday, September 10, 2018

September 2018

▲ Mon, Sep 10

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/27/2018 8:48:41 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**Subject:** Friday Calendar plus question about ADD meeting (early November)  
**Attachments:** Draft Agenda Fall 2018 ADD Mtg 9-24-18.docx; ATT43071; ATT82284; ATT94715; ATT22162; ATT87532; ATT97176; ATT21237; ATT85602; ATT54096; ATT55513; ATT99917; ATT53268; ATT73905; ATT35725; ATT57169; ATT80965; ATT45581; ATT56483; ATT73174; ATT06880

OAQPS asked to move three meetings tomorrow so your calendar opened up in the morning. At roundtable we'll confirm what you want to do regarding participation in the R5 meeting

Re: Fall ADD meeting, latest draft of the agenda is attached here. As a reminder the meeting is Nov 6-8. Bill, you're confirmed to be there on the first afternoon. Mandy/Clint/David/Alex: take a look at the agenda and see if you're interested in attending some/all. We can discuss further tomorrow morning.



Draft Agenda Fall  
2018 ADD Mtg 9-...

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Wehrum, Bill Calendar

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September 2018

▲ Fri, Sep 28

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/21/2018 9:06:49 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**Subject:** Calendar plus materials for Monday  
**Attachments:** OAQPS Chloroprene Activities Sep 19 2018\_ens MK.DOCX; HD NOx Event Planning Sept 21 2018 - updated.docx; Perchlorate options briefing 9-17-18.pptx; ATT67521; ATT40522; ATT65962; ATT07416; ATT00290; ATT14370; ATT96734; ATT21860; ATT59877; ATT80296; ATT43062; ATT07394; ATT87220; ATT63780; ATT48339; ATT82868; ATT03630; ATT66689; ATT95910

Monday below. And just a note on Tuesday: all previously scheduled meetings have been moved to other days next week, so calendar is clear for you to **Deliberative Process / Ex. 5**

\_\_\_\_\_  
 Wehrum, Bill Calendar  
 Wehrum.Bill@epa.gov  
 \_\_\_\_\_

September 2018

▲ Mon, Sep 24

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/20/2019 9:32:28 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**Subject:** Calendar plus materials for Thursday  
**Attachments:** ESA RFS Next Steps for Wehrum.pptx; ATT79402; ATT23943; ATT97995; ATT76856; ATT68049; ATT09436; ATT25718; ATT39360; ATT90341; ATT39410; ATT12420; ATT42815; ATT95825; ATT22011; ATT31757; ATT58882; ATT83121

## Deliberative Process / Ex. 5

Talking to Betsy in the morning and I'll follow up after to let you know the plan.

I also understood from the EtO call earlier today that we may

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thu, Feb 21

## Deliberative Process / Ex. 5





## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/21/2019 9:57:13 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; Alexander Dominguez (dominguez.alexander@epa.gov) [dominguez.alexander@epa.gov]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**BCC:** Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]  
**Subject:** Calendar + Materials for Friday  
**Attachments:** Candidate Technologies 022019Final.docx; Rebound Briefing\_2-20-19.pptx; Missoula Railyard Webpage One-Pager.docx; OAR Social Media\_022519.docx; Draft Agenda Bill Visit to RTP Feb 26 2019.docx; ATT28292; ATT89225; ATT73035; ATT11868; ATT32266; ATT07476; ATT30725; ATT50962; ATT21299; ATT05042; ATT33260; ATT77308; ATT47282; ATT44498; ATT50855; ATT81793; ATT37741

## Deliberative Process / Ex. 5

Also- for awareness here is some Energy Star and International Women's Day social media, as well as information on a new web page about the Missoula Railyard Project.



OAR Social  
Media\_022519.d...



Missoula Railyard  
Webpage One-P...

Finally – here's draft agenda for RTP trip. I'll bring a copy to RT tomorrow for discussion



Draft Agenda Bill  
Visit to RTP Feb ...

▲ Fri, Feb 22

## Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 9/5/2018 9:03:23 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Mandy Gunasekara (Gunasekara.Mandy@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Dominguez, Alexander [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5ced433b4ef54171864ed98a36cb7a5f-Dominguez,]  
**CC:** Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**Subject:** Calendar + materials for Thursday  
**Attachments:** A-E FY19-22 StRAP final draft (002).docx; AE-outputs-to-support-OAQPS-priorities-081418 (003).docx; OAR Program Priorities Research Needs Final2Rev 1.17.18.docx; Final-Research Brief for Bill Wehrum Rev 9.5.18.pptx; ATT28013; ATT57635; ATT75433; ATT03575; ATT93141; ATT92525; ATT50913; ATT38405; ATT51039; ATT23256; ATT07429; ATT30940; ATT39924; ATT87161; ATT08254; ATT72861; ATT45596; ATT40487; ATT05661; ATT70154; ATT93993; ATT14500

Bill,

Couple of notes:

# Deliberative Process / Ex. 5

Wehrum, Bill Calendar  
Wehrum.Bill@epa.gov  
On Thursday, September 06, 2018

September 2018

▲ Thu, Sep 6

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

Appointment

---

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/5/2019 2:57:12 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** Accepted: Internal EtO Prep  
**Location:** 5400 + Video to RTP  
  
**Start:** 2/5/2019 4:00:00 PM  
**End:** 2/5/2019 4:30:00 PM  
**Show Time As:** Busy

Message

---

**From:** Wehrum.Bill@epa.gov [Wehrum.Bill@epa.gov]  
**Sent:** 3/4/2019 12:19:39 AM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]  
**Subject:** Fwd: Sterigenics shutdown

FYI

---

Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

Begin forwarded message:

**From:** [redacted] Citizen Name / Ex. 6 [redacted]@gmail.com>  
**Date:** March 3, 2019 at 6:07:43 PM EST  
**To:** wehrum.william@epa.gov  
**Subject:** Sterigenics shutdown

Hi Mr. Wehrum,  
My name is [redacted] Citizen Name / Ex. 6 [redacted] and I am a reporter for the Lyons Township High School newspaper. I am beginning to write an article on the shutdown of Sterigenics and I was wondering if you would be willing to answer a few questions via phone or email. Thank you for your time.

Sincerely,  
[redacted] Citizen Name / Ex. 6 [redacted]

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 3/12/2019 2:16:27 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]  
**Subject:** General Discussion re: Lake County  
**Location:** WJC-N 5406 + Video to RTP  
**Start:** 3/12/2019 6:30:00 PM  
**End:** 3/12/2019 7:00:00 PM  
**Show Time As:** Busy



Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 3/12/2019 2:16:27 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]  
**Subject:** General Discussion re: Lake County  
**Location:** WJC-N 5406 + Video to RTP  
**Start:** 3/12/2019 6:00:00 PM  
**End:** 3/12/2019 6:30:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 3/6/2019 3:31:08 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** HOLD - EtO Webinar  
**Start:** 3/7/2019 9:00:00 PM  
**End:** 3/7/2019 10:00:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 3/6/2019 3:31:08 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** HOLD - EtO Webinar  
**Start:** 3/7/2019 8:30:00 PM  
**End:** 3/7/2019 9:30:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 2/5/2019 2:58:43 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** EPA Webinar: Update on Ethylene Oxide Monitoring in Willowbrook, Illinois  
**Location:** 5415  
  
**Start:** 2/5/2019 7:00:00 PM  
**End:** 2/5/2019 8:00:00 PM  
**Show Time As:** Busy

## Appointment

**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]

**Sent:** 2/5/2019 2:56:46 PM

**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beaddda2affa44-Harlow, Dav]; John Millett [Millett.John@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]

**CC:** Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Chen, Xi [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cb29e8e6f2064817a3a722f52e000f2b-Chen, Xi]; McBrian, Jenia [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c7f600a3b43d48e9b50977c38a235284-Tufts, Jenia]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Darcie Smith (Smith.Darcie@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3ae3c2377efb42879b943db8796ddc05-Smith, Darcie]; Mckelvey, Laura [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f3a2c5f041a442ea931ddb3d039236ff-LMCKELVE]; Bremer, Kristen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7ad6f4a11064ef08cb03aec9dc8e892-KBREMER]; Shappley, Ned [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5fc7fde372054ab5ac38f24b9072b73d-Shappley, N]

**Subject:** Internal EtO Prep + Video RTP+ **Personal Phone / Ex. 6**

**Location:** 5400 + Video to RTP

**Start:** 2/5/2019 4:00:00 PM

**End:** 2/5/2019 4:30:00 PM

**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 1/28/2019 9:38:39 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** Call with Phil MacNabb re: Sterigenics  
**Start:** 1/28/2019 10:30:00 PM  
**End:** 1/28/2019 11:00:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 12/10/2018 4:54:40 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Smith, Darcie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3ae3c2377efb42879b943db8796ddc05-Smith, Darcie]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Bremer, Kristen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7ad6f4a11064ef08cb03aec9dc8e892-KBREMER]; Chen, Xi [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cb29e8e6f2064817a3a722f52e000f2b-Chen, Xi]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**Subject:** Ethylene Oxide Check In  
**Location:** WJC - N 5400 + Video with RTP Personal Phone / Ex. 6  
**Start:** 12/13/2018 4:15:00 PM  
**End:** 12/13/2018 5:00:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 3/12/2019 2:16:27 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** General Discussion re: Lake County  
**Location:** WJC-N 5406 + Video to RTP  
**Start:** 3/12/2019 6:30:00 PM  
**End:** 3/12/2019 7:00:00 PM  
**Show Time As:** Busy



Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 3/6/2019 3:31:08 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** FYI: EPA webinar: Update of EPA's Ethylene Oxide Monitoring data for Willowbrook, Illinois  
**Location:** WJC-N 5400

**Start:** 3/7/2019 9:00:00 PM  
**End:** 3/7/2019 10:00:00 PM  
**Show Time As:** Free

**Subject:** Webinar for EPA EtO data for Willowbrook for January 22 - February 11, 2019

### **EPA webinar: Update of EPA's Ethylene Oxide Monitoring data for Willowbrook, Illinois**

The U.S. Environmental Protection Agency will hold a webinar at 3 p.m. central time, Thursday, March 7, 2019 to review air quality monitoring data for Willowbrook, Illinois, covering January 22, 2019 to February 11, 2019. For more information on this webinar, please review the details below:

#### **Webinar:**

**Date:** Thursday, March 7, 2019

**Time:** 3:00 to 4:00 p.m. (CT)

**Meeting Link:** Personal Email / Ex. 6

**Phone line is:** Personal Phone / Ex. 6  
**Access code**

\*Note: If you are at a computer, please listen through your computer speakers. We have a capacity of 500 people via computer. If you're not able to be at a computer, you'll be able to listen to the Webinar by phone. The phone line has a capacity of 125.

Materials will be posted on the website after the webinar at <https://www.epa.gov/il/sterigenics-willowbrook-facility>

*If you have never attended an Adobe Connect meeting before, test your connection by visiting*

[http://admin.adobeconnect.com/common/help/en/support/meeting\\_test.htm](http://admin.adobeconnect.com/common/help/en/support/meeting_test.htm). You may also get a quick overview by visiting

<http://www.adobe.com/products/adobeconnect.html>.

1. Click "Enter as a Guest"
2. Type in your first & last name and organization
3. Click "Enter Room"
4. You will be in the room!

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 2/21/2019 2:53:15 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint  
[/o=ExchangeLabs/ou=Exchange Administrative Group  
(FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** EPA Webinar: Update on Ethylene Oxide Monitoring in Willowbrook, Illinois  
**Location:** WJC-N 5400  
  
**Start:** 2/21/2019 7:00:00 PM  
**End:** 2/21/2019 8:00:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 2/20/2019 3:34:17 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; David Harlow (harlow.david@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]; Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]

**Subject:** Ethylene Oxide Check in

**Location:** **Personal Phone / Ex. 6**

**Start:** 2/20/2019 7:30:00 PM

**End:** 2/20/2019 8:00:00 PM

**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Sent:** 12/4/2018 9:10:07 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Smith, Darcie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3ae3c2377efb42879b943db8796ddc05-Smith, Darcie]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Bremer, Kristen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7ad6f4a11064ef08cb03aec9dc8e892-KBREMER]; Chen, Xi [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cb29e8e6f2064817a3a722f52e000f2b-Chen, Xi]; Harlow, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5a9a34e31fc4fe6b2beadda2affa44-Harlow, Dav]  
**Subject:** Willowbrook Samples follow Up  
**Location:** WJC - N 5400 + Video with RTP **Personal Phone / Ex. 6**  
**Start:** 12/6/2018 4:00:00 PM  
**End:** 12/6/2018 4:30:00 PM  
**Show Time As:** Busy

**TO:** Bill Wehrum, Clint Woods, Mike Koerber, Kelly Rimer, Alison Davis, Darcie Smith, Lew Weinstock, Doris Chen, Kristen Bremer

Note – This meeting is a follow up to the original meeting on 12/4

Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/1/2019 5:49:27 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]

**Subject:** Accepted: Ethylene Oxide check in

**Location:** WJC - N 5400 + Video with RTP +

**Personal Phone / Ex. 6**

**Start:** 3/6/2019 3:00:00 PM

**End:** 3/6/2019 3:45:00 PM

**Recurrence:** (none)

Message

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/7/2018 9:57:35 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** Willowbrook citizens who called the main line today

I anticipate we'll get additional calls next week.

**Citizen Name / Ex. 6** **Personal Phone / Ex. 6**

- Saw the data we posted, the #s are too high, this is a public health crisis, EPA should shut down the facility.
- Requested a call from you.

**Citizen Name / Ex. 6**

- Public Health Crisis
- Levels exceed OSHA limits for workers inside facility
- Wanted you to know she and her family are concerned.

Message

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/12/2018 3:29:47 PM  
**To:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** No EtO meeting w/ OAQPS today. Expanded tomorrow's already-scheduled EtOmeeting to 45 minutes

Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/5/2019 2:54:43 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** FW: Hill Call: EtO  
**Location:** Call in **Personal Phone / Ex. 6**  
**Start:** 2/5/2019 4:30:00 PM  
**End:** 2/5/2019 5:00:00 PM  
**Show Time As:** Tentative

-----Original Appointment-----

**From:** Ringel, Aaron  
**Sent:** Tuesday, February 05, 2019 9:15 AM  
**To:** Ringel, Aaron; Lyons, Troy; Palich, Christian; Frye, Tony (Robert); Rodrick, Christian; Woods, Clint; Koerber, Mike; Wise, Allison; Haman, Patricia; Ashley, Jackie  
**Cc:** Davis, Alison  
**Subject:** Hill Call: EtO  
**When:** Tuesday, February 05, 2019 11:30 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Call in **Personal Phone / Ex. 6**



## Message

**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 1/31/2019 4:47:11 PM  
**To:** Edwards, Jonathan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3715bc4dfc3e4d6caf3af1bf2fc5ca77-JEdwar02]; Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**CC:** Shaw, Betsy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31ca1476a7674825a131cb2c0d6c88c8-BShaw03]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Cherepy, Andrea [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c52459ab00fd4f0eae85c32cdc9c73dd-ACHerepy]  
**Subject:** RE: ORIA Input for Administrator's Shutdown Impacts Report and other OAR Tiering Information

Thanks Jon. Will review and be in touch w/ any questions.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

Josh

---

**From:** Edwards, Jonathan  
**Sent:** Thursday, January 31, 2019 11:06 AM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>; Lewis, Josh <Lewis.Josh@epa.gov>  
**Cc:** Shaw, Betsy <Shaw.Betsy@epa.gov>; Atkinson, Emily <Atkinson.Emily@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>  
**Subject:** ORIA Input for Administrator's Shutdown Impacts Report and other OAR Tiering Information

Bill and Josh --- Please see attached file (copy also including in body of email) for ORIA's input to the Administrator's shutdown impacts report (due to Ryan COB tomorrow) and other OAR Tiering info requested by AA.

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

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# **Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

- Indoor air expert support to OAQPS/R5 on Willowbrook – now available as needed.

# **Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 3/6/2019 12:56:14 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** Accepted: FW: Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP + Personal Phone / Ex. 6  
**Start:** 3/6/2019 3:00:00 PM  
**End:** 3/6/2019 3:30:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 12/4/2018 8:18:08 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** Accepted: Call with Phil McNabb re: Sterigenics  
**Location:** WJC - N 5400 + **Personal Phone / Ex. 6**  
**Start:** 12/10/2018 10:00:00 PM  
**End:** 12/10/2018 10:30:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/22/2019 6:33:09 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]  
**Subject:** Accepted: Ethylene Oxide Sterilization NESHAP Review (Tier 3, SAN 7055)  
**Location:** WJC - N 5400 + Video with RTP + **Personal Phone / Ex. 6**  
**Start:** 2/26/2019 6:30:00 PM  
**End:** 2/26/2019 7:30:00 PM  
**Show Time As:** Busy

Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/20/2019 3:34:34 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]

**Subject:** Accepted: Ethylene Oxide Check in

**Location:** Personal Phone / Ex. 6

**Start:** 2/20/2019 7:30:00 PM

**End:** 2/20/2019 8:00:00 PM

**Show Time As:** Busy



Appointment

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**From:** Lewis, Josh [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22D1D3BB3F84436A524F76AB6C79D7E-JOLEWIS]  
**Sent:** 2/20/2019 3:34:22 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]

**Subject:** Accepted: Ethylene Oxide Check in

**Location:** **Personal Phone / Ex. 6**

**Start:** 2/20/2019 7:30:00 PM  
**End:** 2/20/2019 8:00:00 PM

**Recurrence:** (none)

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 1/7/2019 3:27:24 AM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Fwd: Emergency Shutdown of Sterigenics

---

Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

Begin forwarded message:

**From:** Citizen Name / Ex. 6 @hotmail.com>  
**Date:** January 6, 2019 at 8:31:53 PM EST  
**To:** "Wheeler.andrew@epa.gov" <Wheeler.andrew@epa.gov>  
**Subject:** Emergency Shutdown of Sterigenics

Hello there,

I am a resident of Countryside, IL. I am affected by their use of Ethylene Oxide. I am writing to you to beg you to declare a Public Health Crisis (Emergency Powers in Section 34B of the Environmental Protection Act) in order to close Sterigenics immediately.

We know that what they are doing is harmful. We know what they are doing kills people. Everyday it is getting worse. The law is behind the science. This is what Emergency Powers should be used for; to keep people safe. Please shut it down. It is horrendous that the use of this chemical has happened. Please do the right thing so it does not get worse.

Shut it down,

Citizen Name / Ex. 6

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/20/2018 11:25:05 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Fwd: Officials knew ethylene oxide was linked to cancer for decades. Here's why it's still being emitted in Willowbrook and Waukegan. - Chicago Tribune

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Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

Begin forwarded message:

**From:** Citizen Name / Ex. 6 @gmail.com>  
**Date:** December 20, 2018 at 12:19:09 PM EST  
**To:** Wehrum.william@epa.gov, lewis.josh@epa.gov, Koerber.Mike@epa.gov  
**Subject:** **Officials knew ethylene oxide was linked to cancer for decades. Here's why it's still being emitted in Willowbrook and Waukegan. - Chicago Tribune**

Chicago Tribune today

Officials knew ethylene oxide was linked to cancer for decades. Here's why it's still being emitted in Willowbrook and Waukegan. - Chicago Tribune

<https://www.chicagotribune.com/news/local/breaking/ct-met-ethylene-oxide-sterigenics-cancer-science-20181214-story.html>

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/20/2018 11:16:56 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Fwd: yet another town calling for closure of Sterigenics  
**Attachments:** 2018-12-17 Village of Western Springs calls for Sterigenic shut-down.pdf; ATT00001.htm

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Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

Begin forwarded message:

**From:** **Citizen Name / Ex. 6** <[redacted]@gmail.com>  
**Date:** December 20, 2018 at 10:36:24 AM EST  
**To:** [lewis.josh@epa.gov](mailto:lewis.josh@epa.gov), [Wehrum.william@epa.gov](mailto:Wehrum.william@epa.gov), "Koerber, Mike" <[Koerber.Mike@epa.gov](mailto:Koerber.Mike@epa.gov)>  
**Subject:** yet another town calling for closure of Sterigenics

Hello-

Yesterday the village of Western Springs called for the closure of Sterigenics, please see attached letter. This brings the total of four towns, Dupage County, the Illinois Attorney Generals office, countless local officials, state officials and federal officials calling for immediate closure. When is enough is enough?!

This is immoral and criminal to keep this facility open.

We continue to await for responses from the EPA.

**Citizen Name / Ex. 6**

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/19/2018 3:26:23 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics

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Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

**From:** [Citizen Name / Ex. 6]@gmail.com>  
**Sent:** Wednesday, December 19, 2018 10:22 AM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>  
**Subject:** Sterigenics

Good Morning,

I am a Willowbrook resident who lives within a mile of Sterigenics. My two children attend the local schools and spend pretty much 24 hours a day within a mile of the facility. After the study was released in August, I felt assured that the EPA would react quickly and the facility would rapidly be shut down due to clear public health risk or at least shut down until safety of the local community could be verified.

You can imagine my distress when even after multiple air studies have clearly demonstrated elevated levels of ETO in the air in the schools and surrounding residential areas the EPA continues to want to study more. Would you want your children to be breathing a Class I carcinogen 24/7 days a week? Guess what? I don't want to live this way either.

DO YOUR JOB!!!! SHUT IT DOWN!!!! Or maybe let's have all the EPA employees relocate their families to our neighborhood and schools while you decide just how much of a safety risk Sterigenics represents.

Tired of waiting for you to do your job

[Citizen Name / Ex. 6]

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/19/2018 2:50:11 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics - Private testing detected ETO I have pulled my children from school

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

**From:** [Redacted] Citizen Name / Ex. 6 [Redacted]@gmail.com>  
**Sent:** Tuesday, December 18, 2018 9:41 PM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>; iteam@abc.com; Wls.desk@abc.com  
**Subject:** Re: Sterigenics - Private testing detected ETO I have pulled my children from school

Bill you said for us to trust sterigenics at the EPA webinar today? Are you kidding me? I pulled my children from school and now i guess i will have to move since i am not going to breathe this shit while you do testing.. I hope the media grabs hold of this story as this is going to become a national crisis and we now have you on record showing what a con man you are ..

DO YOU HAVE A CONSCIENCE? I am sure you would be fine sending your kids to breathe this shit like a lab rat without knowing the consequences..

On Tue, Dec 18, 2018 at 4:40 PM [Redacted] Citizen Name / Ex. 6 [Redacted]@gmail.com> wrote:

New epa tests today more eto found at willow pond next door where my 2 year old goes to preschool!! And plays outside !! Issue the shutdown order now ... I will be calling you again tomorrow how many more tests do you need?

Do you have a soul? Alec same question to you?

On Monday, December 17, 2018, [Redacted] Citizen Name / Ex. 6 [Redacted]@gmail.com> wrote:

Hi Bill been trying to speak to you for week and a half now with no response.

I have pulled my children out of school until a temporary halt to sterigenics is applied and new testing shows no trace amounts of ETO.. My young kids are not lab rats , and i also have a 2 and 4 year old in preschool with a huge outdoor park which is block from sterigenics.. How is this ok with you to just continue never ending testing. Noone here is going to stop until this company is gone. It is not safe to process such chemicals in a population center especially with multiple schools around. Rest assured we will not stop until action is taken and our voices will be heard... I await your response. Let see if you have a soul and care about the 30k strong here fighting to protect our children instead of defending corporate interests like you said in the prior town hall. Actions speak louder than words my friend.

Thanks,

[Redacted] Citizen Name / Ex. 6 [Redacted]

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/7/2018 11:03:52 PM  
**To:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Koerber, Mike [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]  
**Subject:** Fwd: Sterigenics

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Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

Begin forwarded message:

**From:** [redacted] Citizen Name / Ex. 6 [redacted]@gmail.com>  
**Date:** December 7, 2018 at 2:29:14 PM EST  
**To:** [Wehrum.william@epa.gov](mailto:Wehrum.william@epa.gov)  
**Subject:** Sterigenics

Dear William--This is a golden opportunity for you to restore some of the E.P.A.'s long lost credibility. You have the new test results that prove we are not as citizens given the right to breath clean air. I have sat through your explanations of basically admitting that the E.P.A isn't or wasn't aware of the toxic air problem in our area. Now you know what your dealing with and we expect immediate action. After all, was not your agency originally set up to protect human health and the environment by ensuring clean and safe air and water?Anything short of this negates the usefullness of your agency. The agency that we as tax payers support.

Respectfully,

[redacted] Citizen Name / Ex. 6 [redacted]

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/20/2018 1:04:39 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics

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Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

---

**From:** Ray Cesca <outlook\_8945AF1DCC0E3095@outlook.com>  
**Sent:** Wednesday, December 19, 2018 11:22 PM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>  
**Subject:** Sterigenics

Citizen Name / Ex. 6

The Sterigenics plant in Willowbrook needs to stop operation until it finds out why is is putting Ethelene Oxide in the air. We need your help in getting this done now. The residents are concerned that even a small amount of Eto over a long period of time has detrimental affects on humans.

How do we know this, by the members of the medical community who deal with this kind of issue came to the demonstrations and talk to the crowd about the scientific effects of Eto.

If a restaurant has a health violation, they shut the restaurant down until they find out what is wrong.

If a food factory is in violation of health standards, they shut it down until they find out what is wrong.

The same thing here. Let's find out why Sterigenics does not have a zero tolerance with it comes to Eto.

Thanks and looking forward to hearing from you.

Citizen Name / Ex. 6

Citizen Name / Ex. 6 @comcast.net

Sent from Mail for Windows 10



## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/19/2018 5:16:33 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics

Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

---

**From:** [Citizen Name / Ex. 6]@gmail.com>  
**Sent:** Wednesday, December 19, 2018 12:15 PM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>  
**Subject:** Sterigenics

Mr Wehrum,

Attached, please find a letter pertaining to recent information that has come to light about Sterigenics in Willowbrook, IL. I think you'll agree that the immediate and permanent shutdown of this company is long overdue. Will you be the person to do the right thing, since you have the power to shut them down?

Our group of concerned and scared citizens is not going away. We are growing, and in January, we are taking our concerns to the national stage. It would certainly be better for everyone involved if we could have a resolution before it gets that far. This is another stain on the reputation of our state and U.S. government.

Please address this Immediate Public Health Crisis in short order. It's the right thing to do, as I am also sure you are aware.

Sincerely,

**Citizen Name / Ex. 6**

Burr Ridge, IL

stopsterigenics.com

fb.com/groups/stopsterigenics/



twitter.com/stopsterigenics

stopsterigenics@gmail.com

September 18, 2018

William Wehrum - Assistant Administrator of the Air and Radiation Department, USEPA  
 Alex Messina - Director, Illinois EPA  
 Robert Berlin - DuPage County State's Attorney  
 Lisa Madigan - Illinois Attorney General

Dear Mr. Wehrum, Mr. Messina, Mr. Berlin and Ms. Madigan,  
 In 1988 Cytel Laboratories, the original name of the Sterigenics plant, applied for a permit to the Illinois EPA. In a response to their application, the EPA expressed serious concerns about Ethylene Oxide emissions:

- 1) The EPA predicted ambient air levels of Ethylene Oxide as high as 5.20 micrograms/cubic meter and as low as .09583 micrograms/cubic meter as far as one mile away from the plant.
- 2) The EPA referenced a draft of a "USEPA Health Assessment Document" which provided evidence of human cancers of the pancreas, bladder, central nervous system and stomach associated with EO exposure. The studies showed carcinogenic, mutagenic, leukemogenic and teratogenic effects.
- 3) The USEPA studies indicate that the highest acceptable ground level concentration of EO is .007 micrograms/cubic meter.
- 4) While the EPA indicated that their current rules had not yet been updated to reflect what they now knew about ethylene oxide, they were uncomfortable with issuing the permit. Regardless, we knew that the permit was subsequently granted to build the sterilization facility in Willowbrook.

In 2018, ambient air testing by the USEPA and independent air testing by the Village of Willowbrook indicated levels much higher than those originally modeled:

- 1) USEPA testing revealed EO levels as high as 6.23 micrograms/cubic meter across the street from Sterigenics and .386 micrograms/cubic meter at Willow Road Park, .85 miles away.
- 2) Village of Willowbrook indoor air testing showed EO levels of .38 micrograms/cubic meter in Gower West Elementary School, .63 micrograms/cubic meter in Macalester South High School and .89 micrograms/cubic meter at Gower Middle School.
- 3) Our children are breathing in as much as 64 times the USEPA's recommended ground level concentration.

The USEPA and EPA claim that they cannot shut down Sterigenics because they need to conduct more studies. The USEPA and EPA have been conducting studies since 1984 and has known for nearly 35 years that the Sterigenics plant was unsafe and would emit levels exceeding their safety threshold. We know from current testing that current air levels exceed safety standards by 64 times in our schools and 887 times in our Village Hall. How many more years of testing does the USEPA need to be convinced of the danger that our community is living in? How many more people need to become ill? Perhaps the Office of the Inspector General will be able to tell us why the USEPA has been unwilling to act.

Bill Wehrum, USEPA has the authority to order an immediate shutdown through powers granted by the Clean Air Act.

Alex Messina, EPA has the authority to seal the facility under section 348 of the Illinois Environmental Protection Act.

Robert Berlin, DuPage County State's Attorney and Lisa Madigan, Illinois Attorney General have the authority to file an injunction in the courts to shut down Sterigenics via section 4.3 of the Illinois Environmental Protection Act.

Who will do their job and protect the community?

The Stop Sterigenics Community

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/19/2018 5:15:40 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics  
**Attachments:** 12-19 Press Release.pdf; 12-19-18 Reaction to 1984 Document.pdf; second\_data\_set\_foot USEPA.pdf; 1984-07-06-letter-from-IEPA-1.pdf

---

Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

**From:** **Citizen Name / Ex. 6** @gmail.com>  
**Sent:** Wednesday, December 19, 2018 11:15 AM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>  
**Subject:** Sterigenics

Mr. Wehrum,

How much longer must we endure exposure to EtO? Clearly the government knew there was a problem 34 years ago, see attachment. You are doing NOTHING to protect our children. The clock started ticking for them when they were in utero and continues now as the levels are high in their schools. The webinar yesterday was not helpful in any way and was just another display of the EPA dodging questions and giving us the same information over and over again. We would appreciate answers to all the questions we submitted back in November and also yesterday. We would appreciate a response from you in regards to this press release and information.

**Citizen Name / Ex. 6**

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/13/2018 3:24:56 AM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Fwd: press release  
**Attachments:** 2018-12-12 Willowbrook Press Release.pdf; ATT00001.htm; 2018-12-12 Willowbrook letter to Illinois AG and DuPage AG.pdf; ATT00002.htm; 2018-12-10 Summary of Ethylene Oxide Air Monitoring Assessment Village of Burr Ridge.pdf; ATT00003.htm; 2018-12-10 Ethylene Oxide Air Monitoring Report Village of Willowbrook.pdf; ATT00004.htm

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

Begin forwarded message:

**From:** "Dr. Katherine Howard" <Personal Email / Ex. 6>  
**To:** "bill.dart@illinois.gov" <bill.dart@illinois.gov>, "Brad.Frost@illinois.gov" <Brad.Frost@illinois.gov>, "Alec.Messina@illinois.gov" <Alec.Messina@illinois.gov>, "butler@ilhousegop.org" <butler@ilhousegop.org>, "Joel.creswell@mail.house.gov" <Joel.creswell@mail.house.gov>, "Durkin@ILHouseGOP.org" <Durkin@ILHouseGOP.org>, "olsen@ilhousegop.org" <olsen@ilhousegop.org>, "dcook@strivestrategiesgroup.com" <dcook@strivestrategiesgroup.com>, "illinois32district@gmail.com" <illinois32district@gmail.com>, "RepDistrict3@gmail.com" <RepDistrict3@gmail.com>, "Assistance@StateRepCarolAmmons.com" <Assistance@StateRepCarolAmmons.com>, "staterepcostello@gmail.com" <staterepcostello@gmail.com>, "sara@staterepsara.com" <sara@staterepsara.com>, "repfine@gmail.com" <repfine@gmail.com>, "staterepgabel@robyngabel.com" <staterepgabel@robyngabel.com>, "repsonyaharper@gmail.com" <repsonyaharper@gmail.com>, "mike@repmikemarron.com" <mike@repmikemarron.com>, "mazzochi@ilhousegop.org" <mazzochi@ilhousegop.org>, "McDermed@ilhousegop.org" <McDermed@ilhousegop.org>, "repmeier@gmail.com" <repmeier@gmail.com>, "repmitcheil@earthlink.net" <repmitcheil@earthlink.net>, "staterepmoeller@gmail.com" <staterepmoeller@gmail.com>, "RepMorrison54@gmail.com" <RepMorrison54@gmail.com>, "repente@gmail.com" <repente@gmail.com>, "skillicorn@ilhousegop.org" <skillicorn@ilhousegop.org>, "arthurt@ilga.gov" <arthurt@ilga.gov>, "statereplarrywalshjr@gmail.com" <statereplarrywalshjr@gmail.com>, "Senator John F. Curran" <senatorcurran@gmail.com>, "Senator Tammy Duckworth" <correspondence@duckworth.senate.gov>, "state\_scheduler@durbin.senate.gov" <state\_scheduler@durbin.senate.gov>, "chris@chrisnybo.org" <chris@chrisnybo.org>, "Cain, Alexis" <cain.alexis@epa.gov>, "Compher, Michael" <compher.michael@epa.gov>, "Davis, Alison" <Davis.Alison@epa.gov>, "EtO" <EtO@epa.gov>, "Koerber, Mike" <Koerber.Mike@epa.gov>, "Mckelvey, Laura" <Mckelvey.Laura@epa.gov>, "Siegel, Kathryn" <siegel.kathryn@epa.gov>, "Terry, Sara" <Terry.Sara@epa.gov>, "Wilson, Holly" <Wilson.Holly@epa.gov>, "mdjohnson@cdc.gov" <mdjohnson@cdc.gov>, "Wheeler, Andrew" <wheeler.andrew@epa.gov>, "Wehrum, Bill" <Wehrum.Bill@epa.gov>  
**Subject:** press release

It has only taken 113 days for a little validation to the concerns raised so long ago. How much longer will it take for others to finally acknowledge that there is a problem that needs an IMMEDIATE response?

Don't give me the song and dance about legislation or further studies or legal aspects...this company is poisoning us, and it is happening on your watch.

I am angry...rightfully so. I, along with others, have been researching this topic for 113 days. I have been trying to provide facts along with a personal touch. I have no agenda of elected office or fame. I don't want or need to be in front of a camera. I simply want action to make our communities safe.

My anger is directed to all of those who have been receiving these emails and have either dismissed them without responding or, worse yet, mocked my concern.

If you are in an elected position it means that you represent the voice of the people. How can you dare claim to represent our voices when you don't even acknowledge these concerns. I have repeatedly written emails and just a very small number of those receiving them have even taken a moment to respond. Do you really get that many emails? Are you that busy? If your lack of participation is evidence of your commitment to represent the residents, what would be your grade? There are no participation points given for simply being on the distribution list.

Yeah, I am angry....113 days.

In that time, I have spent 1,921 hours hooked up to a j-tube. How many residents have received either cancer treatment or received a cancer diagnosis?

Don't say that you can't do anything...you can. Raise your voice with our community. Ask for more information. Whatever you do, don't keep ignoring our concerns. Don't be listed as one of those who have not responded. To the very small number of individuals who have responded, I offer my sincere gratitude.

Katherine Howard

Sent from [Mail](#) for Windows 10

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/19/2018 2:11:26 AM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Fwd: Trust?

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

Begin forwarded message:

**From:** "Dr. Katherine Howard" <katherinehoward@epa.gov> Personal Email / Ex. 6  
**Date:** December 18, 2018 at 7:50:26 PM EST  
**To:** "bill.dart@illinois.gov" <bill.dart@illinois.gov>, "Brad.Frost@illinois.gov" <Brad.Frost@illinois.gov>, "Alec.Messina@illinois.gov" <Alec.Messina@illinois.gov>, "butler@ilhousegop.org" <butler@ilhousegop.org>, "Joel.creswell@mail.house.gov" <Joel.creswell@mail.house.gov>, "Durkin@ILHouseGOP.org" <Durkin@ILHouseGOP.org>, "olsen@ilhousegop.org" <olsen@ilhousegop.org>, "dcook@strivestrategiesgroup.com" <dcook@strivestrategiesgroup.com>, "illinois32district@gmail.com" <illinois32district@gmail.com>, "RepDistrict3@gmail.com" <RepDistrict3@gmail.com>, "Assistance@StateRepCarolAmmons.com" <Assistance@StateRepCarolAmmons.com>, "staterepcostello@gmail.com" <staterepcostello@gmail.com>, "sara@staterepsara.com" <sara@staterepsara.com>, "repfine@gmail.com" <repfine@gmail.com>, "staterepgabel@robyngabel.com" <staterepgabel@robyngabel.com>, "repsonyaharper@gmail.com" <repsonyaharper@gmail.com>, "mike@repmikemarron.com" <mike@repmikemarron.com>, "mazzochi@ilhousegop.org" <mazzochi@ilhousegop.org>, "McDermed@ilhousegop.org" <McDermed@ilhousegop.org>, "repmeier@gmail.com" <repmeier@gmail.com>, "repmitcheil@earthlink.net" <repmitcheil@earthlink.net>, "staterepmoeller@gmail.com" <staterepmoeller@gmail.com>, "Repmorrison54@gmail.com" <Repmorrison54@gmail.com>, "repente@gmail.com" <repente@gmail.com>, "skillicorn@ilhousegop.org" <skillicorn@ilhousegop.org>, "arthurt@ilga.gov" <arthurt@ilga.gov>, "statereplarrywalshjr@gmail.com" <statereplarrywalshjr@gmail.com>, "Senator John F. Curran" <senatorcurran@gmail.com>, "Senator Tammy Duckworth" <correspondence@duckworth.senate.gov>, "state\_scheduler@durbin.senate.gov" <state\_scheduler@durbin.senate.gov>, "chris@chrisnybo.org" <chris@chrisnybo.org>, "mdunn@atg.state.il.us" <mdunn@atg.state.il.us>, "sao@dupageco.org" <sao@dupageco.org>, "ewallace@atg.state.il.us" <ewallace@atg.state.il.us>, "cain.alexis@epa.gov" <cain.alexis@epa.gov>, "compher.michael@epa.gov" <compher.michael@epa.gov>, "Davis, Alison" <Davis.Alison@epa.gov>, "eto@epa.gov" <eto@epa.gov>, "koerber.mike@epa.gov" <koerber.mike@epa.gov>, "mckelvey.laura@epa.gov" <mckelvey.laura@epa.gov>, "siegel.kathryn@epa.gov" <siegel.kathryn@epa.gov>, "Terry.sara@epa.gov" <Terry.sara@epa.gov>, "wilson.holly@epa.gov" <wilson.holly@epa.gov>, "mdjohnson@cdc.gov" <mdjohnson@cdc.gov>, "wheeler.andrew@epa.gov" <wheeler.andrew@epa.gov>, "wehrum.william@epa.gov" <wehrum.william@epa.gov>, "hatfield.jim@epa.gov" <hatfield.jim@epa.gov>, "mcghee-lenart.renee@epa.gov" <mcghee-

[lenart.renee@epa.gov](mailto:lenart.renee@epa.gov)>

**Subject: Trust?**

Day 119.

I don't remember the exact words uttered in today's webinar with the EPA but Assistant Administrator of the Air and Radiation Department William Wehrum's comment about mending our broken trust with Sterigenics was incredibly ignorant and insulting to the residents in the plume of EtO emissions.

Trust Sterigenics? Who is he kidding? Does he not remember his conversation with many of us on November 29<sup>th</sup>? Is he ignoring the 34 years of evidence that is available of this company's actions and inactions? This company started with little evidence that they had any real intention of being a decent member of this community. Facility management were told in a letter dated July 6, 1984 (before startup) about the danger of high emissions of ethylene oxide.

"The toxicity data provides evidence of human cancers of the pancreas, bladder, brain, central nervous system and stomach associated with ETO exposure. Various animal studies have shown carcinogenic, mutagenic leukogenic and teratogenic effects. These studies indicate that the acceptable ground level concentrations of ETO is 0.007 micrograms per cubic meter. While the Agency does not have any established standards for ETO at this time nor are we suggesting that the acceptable concentrations referenced above are necessarily the number that we are committed to using, in our opinion the emissions from the Micro Biotrol facility appear to be several magnitudes higher than desirable."

They utterly destroyed even the smallest molecule of integrity in year one when they emitted over 130,000 pounds of ethylene oxide into our air. In the following years emissions reached over 233,000 pounds annually. Trust? They lost any respect and trust when they put off installing emission control devices for years and then resisted any verifiable evidence that the devices were functioning. They trashed their trust when they knowingly continued pumping thousands of pounds of a carcinogenic chemical in the air of nearby schools and homes. They destroyed their right to be in our community decades ago and they knew what they were doing when statements in their 1999 financial documents publicly acknowledged the financial repercussions and the dangers of using ethylene oxide. Their actions over the years demonstrated repeatedly that they were never worthy of our trust.

How dare Wehrum even utter the word "Trust" to us. What was Wehrum doing before he was appointed to the EPA? He was a lawyer for the chemical industry. Mr. Wehrum looked me in the eye on November 29<sup>th</sup> as I sat in front of him hooked up to my j-tube and told me to trust him. He told those gathered there that he was on our side. He told the community to trust him. Does he realize why his words today resulted in massive eye rolling and chins dropping? I swear my eyes rolled so hard I saw my brain.

Every air monitoring result to date has demonstrated levels of ethylene oxide in our air that far exceeds acceptable limits. Anything other than an immediate shutdown is an unacceptable response. No, Mr. Wehrum, we do not trust you and we will never trust Sterigenics. They burned that bridge long ago and there is no redemption. They must go.

The words today did not provide any additional answers. They did not offer any comfort or resolution. What they did do was further inflame a community. The words today pissed off already angry residents. Those words will be used as a rallying cry to others as our efforts will increase with each additional day. The holidays will be over soon, and, without that distraction, our voices are going to get louder and louder. Newly elected officials will be taking office in a

few weeks and they have already voiced support. This community is hurting but we have not begun to fight. Too many of us have actually faced death head-on to be put off by the glib words of a political appointee.

Call me anytime Mr. Wehrum when you are ready assume the responsibility of your current position as opposed to your former position. But, please, speak no more of trust Mr. Wehrum, in my opinion, you do not know the meaning of the word you so casually used.

Katherine Howard

Sent from Mail for Windows 10



Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 11/21/2018 8:51:58 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]; Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** Monday Scheduling Item

Delaney – Will you please put a call on the schedule for Monday at 4:00 with Phil McNabb at Sterigenics? Thanks.

---

Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/18/2018 9:38:08 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics

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Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

---

**From:** [Citizen Name / Ex. 6]@yahoo.com>  
**Sent:** Tuesday, December 18, 2018 11:25 AM  
**To:** Wehrum, Bill <Wehrum.Bill@epa.gov>  
**Subject:** Sterigenics

Dear Mr. Wehrum,

It is my understanding that you have the authority to help shut down the Sterigenics company in Willowbrook, IL. I live in DuPage County near this facility and I can tell you that it is completely unacceptable to the thousands of residents in our county, that they EPA has done nothing to shut this place down, despite all the EtO testing that has been done showing evidence that we are still being poisoned literally to death by this company. What is the hold up? When is the EPA going to do something about this? When are YOU going to do something about this?

Citizen Name / Ex. 6

Clarendon Hills, IL

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/12/2018 9:07:16 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Air testing

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

## -----Original Message-----

From: [redacted] Citizen Name / Ex. 6 [redacted]@gmail.com>  
 Sent: Wednesday, December 12, 2018 1:05 PM  
 To: wehrum.william@epa.gov; Wheeler, Andrew <wheeler.andrew@epa.gov>; Wehrum, Bill <Wehrum.Bill@epa.gov>  
 Subject: Re: Air testing

Eto found in all schools now .. this place needs to shut down today I'm pulling my kids out

Someone respond!  
 Sent from my iPhone

> On Dec 8, 2018, at 1:23 AM, [redacted] Citizen Name / Ex. 6 [redacted]@gmail.com> wrote:  
 >  
 > I just found out my kids bus is now being rerouted as a precaution  
 > this is an emergency how the fuck are they still open! My pregnant  
 > wife and kids live in the area!!! When are they gonna be closed this  
 > is a public health crisis.. we will be calling you everyday and the  
 > administration that I voted for every day  
 >  
 > Sent from my iPhone  
 >  
 >> On Dec 7,  
 >> Guys the new tests confirm eto is not controlled enough is enough .. I live a mile away with two kids  
 >> and a pregnant wife and we are already having complications that have been caused by eto in the past..  
 >> take emergency action and shut them down now .. I am ready to file lawsuits against the firm but need  
 >> your help .. Even an extra day is a risk for my family does anyone care?  
 >>  
 >> Contacting my senators now as well and Illinois officials as well as  
 >> my lawyer if epa doesn't respond  
 >>  
 >> Thanks  
 >> [redacted] Citizen Name / Ex. 6 [redacted]  
 >>  
 >> Called also but noone returned my calls  
 >>  
 >> Sent from my iPhone

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 10/26/2018 10:56:05 PM  
**To:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Tsirigotis, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d19c179f3ccb4fadb48e3ae85563f132-PTSIRIGO]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]  
**Subject:** Fwd: Letter re: EtO emissions in Lake County  
**Attachments:** 181026- AGO Letter to USEPA Re Lake County.pdf; ATT00001.htm

FYI

---

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

Begin forwarded message:

**From:** "Wallace, Elizabeth" <EWallace@atg.state.il.us>  
**Date:** October 26, 2018 at 6:42:49 PM EDT  
**To:** "wehrum.william@epa.gov" <wehrum.william@epa.gov>, "Nam, Ed" <nam.ed@epa.gov>  
**Cc:** "Dunn, Matthew" <MDunn@atg.state.il.us>  
**Subject:** Letter re: EtO emissions in Lake County

Hello,

Please see attached.

Elizabeth Wallace, Chief  
 Environmental Bureau / Chicago  
 Office of the Illinois Attorney General  
 69 W. Washington St., 18<sup>th</sup> Flr.  
 Chicago, IL 60602  
 (312)814-5396  
 (312)814-2347 (fax)  
[ewallace@atg.state.il.us](mailto:ewallace@atg.state.il.us)

Message

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 12/11/2018 3:53:44 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** FW: Sterigenics

Bill Wehrum  
Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
(202) 564-7404

-----Original Message-----

From: [redacted] Citizen Name / Ex. 6 [redacted] iCloud.com>  
Sent: Monday, December 10, 2018 12:03 AM  
To: Wehrum, Bill <Wehrum.Bill@epa.gov>  
Subject: Sterigenics

You must declare a Public Health Crisis and utilize your Emergency Powers in Section 34B of the Clean Air Act to shutdown Sterigenics immediately. Testing has confirmed fugitive Ethylene Oxide emissions with no evidence of Trans 2 Butene. I am a real person with a real family in danger and I'm not a "Lab Rat."

Respectfully,

[redacted] Citizen Name / Ex. 6 [redacted]

## Message

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 9/21/2018 1:22:55 PM  
**To:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Atkinson, Emily [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bb2155adef6a44aea9410741f0c01d27-Atkinson, Emily]  
**CC:** Gunasekara, Mandy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=53d1a3caa8bb4ebab8a2d28ca59b6f45-Gunasekara,]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** FW: DC Next Week

Delaney -- Will you please work with Cathy's scheduler to see if we can find time for this? Thanks.

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

-----Original Message-----

From: Thiede, Kurt  
 Sent: Friday, September 21, 2018 7:03 AM  
 To: Woods, Clint <woods.clint@epa.gov>; Wehrum, Bill <Wehrum.Bill@epa.gov>  
 Subject: DC Next Week

Clint and Bill,

Cathy and I will be in DC next week Wednesday for a couple of mtgs. I thought it would be good to connect to discuss the Willowbrook mtg. I know you have other mtgs that day, but perhaps our schedulers can work to find a time.

Kurt Thiede  
 Chief of Staff  
 EPA Region 5

Sent from my iPhone...please excuse my typos.

Appointment

---

**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 2/5/2019 2:59:09 PM  
**To:** Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]  
**Subject:** Fwd: Hill Call: EtO  
**Location:** Call in Personal Phone / Ex. 6  
**Start:** 2/5/2019 4:30:00 PM  
**End:** 2/5/2019 5:00:00 PM  
**Show Time As:** Tentative

FYI

---

Bill Wehrum  
 Assistant Administrator  
 Office of Air and Radiation  
 U.S. Environmental Protection Agency  
 (202) 564-7404

Begin forwarded message:

**From:** "Ringel, Aaron" <[ringel.aaron@epa.gov](mailto:ringel.aaron@epa.gov)>  
**To:** "Wehrum, Bill" <[Wehrum.Bill@epa.gov](mailto:Wehrum.Bill@epa.gov)>  
**Subject:** FW: Hill Call: EtO

-----Original Appointment-----

**From:** Ringel, Aaron  
**Sent:** Tuesday, February 05, 2019 9:15 AM  
**To:** Ringel, Aaron; Lyons, Troy; Palich, Christian; Frye, Tony (Robert); Rodrick, Christian; Woods, Clint; Koerber, Mike; Wise, Allison; Haman, Patricia; Ashley, Jackie  
**Cc:** Davis, Alison  
**Subject:** Hill Call: EtO  
**When:** Tuesday, February 05, 2019 11:30 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Call in Personal Phone / Ex. 6

Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/4/2019 9:13:30 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Tsirigotis, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d19c179f3ccb4fadb48e3ae85563f132-PTSIRIGO]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Wayland, Richard [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d69f0a870909402ebd66847003aa6437-Wayland, Chet]; Sasser, Erika [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=477638fe84004800bdf8e62fe3cafc8-ESASSER]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Lewis, Josh [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b22d1d3bb3f84436a524f76ab6c79d7e-JOLEWIS]; Terry, Sara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5f08a9bf1324b05bc02a7dd2ea695e4-STERRY]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP + Personal Phone / Ex. 6  
**Start:** 3/6/2019 9:00:00 PM  
**End:** 3/6/2019 9:45:00 PM  
**Show Time As:** Tentative

**TO:** Bill Wehrum, Peter Tsirigotis, Alison Davis, Lew Weinstock, Richard Wayland, Erika Sasser, Kelly Rimer, Mike Koerber



Appointment

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**From:** Wehrum, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=33D96AE800CF43A3911D94A7130B6C41-WEHRUM, WIL]  
**Sent:** 3/4/2019 9:13:30 PM  
**To:** Wehrum, Bill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=33d96ae800cf43a3911d94a7130b6c41-Wehrum, Wil]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; Tsirigotis, Peter [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d19c179f3ccb4fadb48e3ae85563f132-PTSIRIGO]; Davis, Alison [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c309f42d5d44d18a52b027bd0112778-ADAVIS06]; Weinstock, Lewis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=df30e068efb24a24b35d63be0596ad9b-LWEINS02]; Wayland, Richard [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d69f0a870909402ebd66847003aa6437-Wayland, Chet]; Sasser, Erika [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=477638fe84004800bdf8e62fe3cafc8-ESASSER]; Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Mike Koerber (Koerber.Mike@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]; Terry, Sara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a5f08a9bf1324b05bc02a7dd2ea695e4-STERRY]  
**Subject:** Ethylene Oxide check in  
**Location:** WJC - N 5400 + Video with RTP + **Personal Phone / Ex. 6**  
**Start:** 3/6/2019 3:00:00 PM  
**End:** 3/6/2019 3:45:00 PM  
**Show Time As:** Tentative

**TO:** Bill Wehrum, Peter Tsirigotis, Alison Davis, Lew Weinstock, Richard Wayland, Erika Sasser, Kelly Rimer, Mike Koerber

## Message

**From:** Shappley, Ned [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5FC7FDE372054AB5AC38F24B9072B73D-SHAPPLEY, N]  
**Sent:** 12/13/2018 9:57:38 PM  
**To:** Hoffman, Kathy [KHoffman@sterigenics.com]; KWagner@sterigenics.com  
**CC:** Rimer, Kelly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=123a21a46d0e4e53a590798cdcc3fb47-KRIMER]; Koerber, Mike [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c513901d4fd49f9ab101a6f7a7a863e-Koerber, Mike]; Witt, Jon [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ea00bc6f645b438682026a77a8d4267c-Witt, Jonat]; Sieffert, Margaret [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dbb22fa4a9b14c1e8c634b2e0791cefa-MSieffer]; Johnson, Steffan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eba5c0dfc5fc4593afa62ce7c3dd6f02-Johnson, Steffan]; Smith, Darcie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3ae3c2377efb42879b943db8796ddc05-Smith, Darcie]; Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clin]  
**Subject:** Sterigenics - Site Visit Follow-up

Kevin and Kathy,

We wanted to express our gratitude to you for allowing us to visit your facility on Friday, November 30, and your willingness to discuss the measures you have taken to reduce fugitive emissions. Based on what you presented to us, we believe these work practices should lead to a reduction in fugitive emissions at the facility.

We would also like to follow-up on our conversations regarding 1) our request that you document when you implemented changes in work practices; 2) how emissions testing can be utilized to evaluate these work practice changes and develop emissions factors; and 3) your impression of the recent monitoring results.

Our request that you document and share your changes in work practices is so we may better understand any effect they might have on the ambient measurements performed by EPA. As we previously stated, we believe the work practices you have implemented should result in a reduction of emissions, but it is important for EPA to understand when and how these changes occurred.

In addition, when all work practices and any other changes intended to reduce fugitive emissions have been implemented, EPA would like to work with Sterigenics to develop a test plan that could be used to develop emissions factors for fugitive emissions. This test plan would likely incorporate two different types of measurements that would 1) demonstrate that uncontrolled (or fugitive) emissions are being exhausted to atmosphere at the intended emissions points (e.g., Method 204) and 2) measure a mass emissions rate of ethylene oxide at these emissions points (e.g., Method 18). These procedures are consistent with how EPA determines capture efficiency and emissions at coating facilities subject to National Emission Standards for Hazardous Air Pollutants. It should be noted these tests would not be to demonstrate compliance but rather to determine emissions factors that are representative of operations being performed at the facility.

EPA has specified procedures for the development of emissions factors to ensure they are representative and defensible (see links below). While EPA's emissions factor program and these procedures are intended to develop factors that are representative of a source category, these procedures can be used for guidance on developing site-specific emissions factors. It is important that this work be completed on a timely basis, so we can use any improved emissions factors in our upcoming risk assessment.

<https://www.epa.gov/air-emissions-factors-and-quantification/procedures-development-emissions-factors-stationary-sources>

<https://www.epa.gov/air-emissions-factors-and-quantification/emissions-factor-uncertainty-assessment>.

Finally, we are interested in understanding how operations at the facility may affect the results of our ambient monitoring. Specifically, we would like to know whether there were any changes in operation that would have affected the ambient sampling that was performed on November 13<sup>th</sup>, 16<sup>th</sup>, and 19<sup>th</sup>.

We recognize the significant work that has been performed by Sterigenics to this point and appreciate your willingness to work with us. Please let me know if you would like to set up a call to discuss any aspect of this request.

Best Regards,

Ned Shappley | USEPA|OAQPS|AQAD|Measurement Technology Group  
109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711  
email: [shappley.ned@epa.gov](mailto:shappley.ned@epa.gov) | Phone (919)541-7903

Appointment

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**From:** Tom Roberts [tcr@vnf.com]  
**Sent:** 9/17/2018 9:46:52 PM  
**To:** Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]; 'khoffman@sterigenics.com' [khoffman@sterigenics.com]; 'Macnabb, Philip (PMacnabb@sterigenics.com)' [PMacnabb@sterigenics.com]; 'Taylor, Byron F. (bftaylor@sidley.com)' [bftaylor@sidley.com]

**Subject:** Sterigenics Willowbrook Stack Testing

**Location:** Dial In: Personal Phone / Ex. 6

**Start:** 9/18/2018 1:30:00 PM

**End:** 9/18/2018 2:00:00 PM

**Show Time As:** Tentative

**Recurrence:** (none)

Clint – thank you for making time for a call with the Sterigenics leadership regarding the upcoming stack tests. Participating in the call with me will be:

Philip Macnabb, President, Sterigenics

Kathy Hoffman, Vice President, Sterigenics

Byron Taylor, Sidley & Austin, Sterigenics Outside Environmental Counsel

Thanks, Clint. Talk to you in the morning.